DUCHESNE COUNTY JUSTICE CENTER

Duchesne, Utah

SCHEMATIC DESIGN SUBMITTAL

18 APRIL 2014

ARCHITECTURAL NEXUS PROJECT NUMBER: 13101

OWNER Duchesne County Duchesne, Utah 84021 PHONE: 435-738-1100 CONTACT: xxxxx MOBILE: FAX: 999.999.9999 E-MAIL: admin@duchesne.utah.gov INTERNET: http://duchesne.utah.gov/ **ARCHITECT Architectural Nexus** A R C H I T E C T U R A L 2505 East Parleys Way пехиѕ Salt Lake City, Utah 84109 PHONE: 801.924.5000 CONTACT: Peter Moyes MOBILE: FAX: 801.924.5001 E-MAIL: pmoyes@archnexus.com INTERNET: www.archnexus.com LANDSCAPE ARCHITECT **Architectural Nexus** A R C H I T E C T U R A L 2505 East Parleys Way пехиѕ Salt Lake City, Utah 84109 PHONE: 801.924.5000 CONTACT: Doug Woodruff MOBILE:

PHONE: 801.924.5000 CONTACT: David Peterson FAX: 801.924.5001 E-MAIL: dpeterson@archnexus.com INTERNET: www.archnexus.com

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Salt Lake City, UT 84111

CIVIL ENGINEER

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Architectural Nexus

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SECURITY / TELECOMMUNICATION Spectrum Engineers

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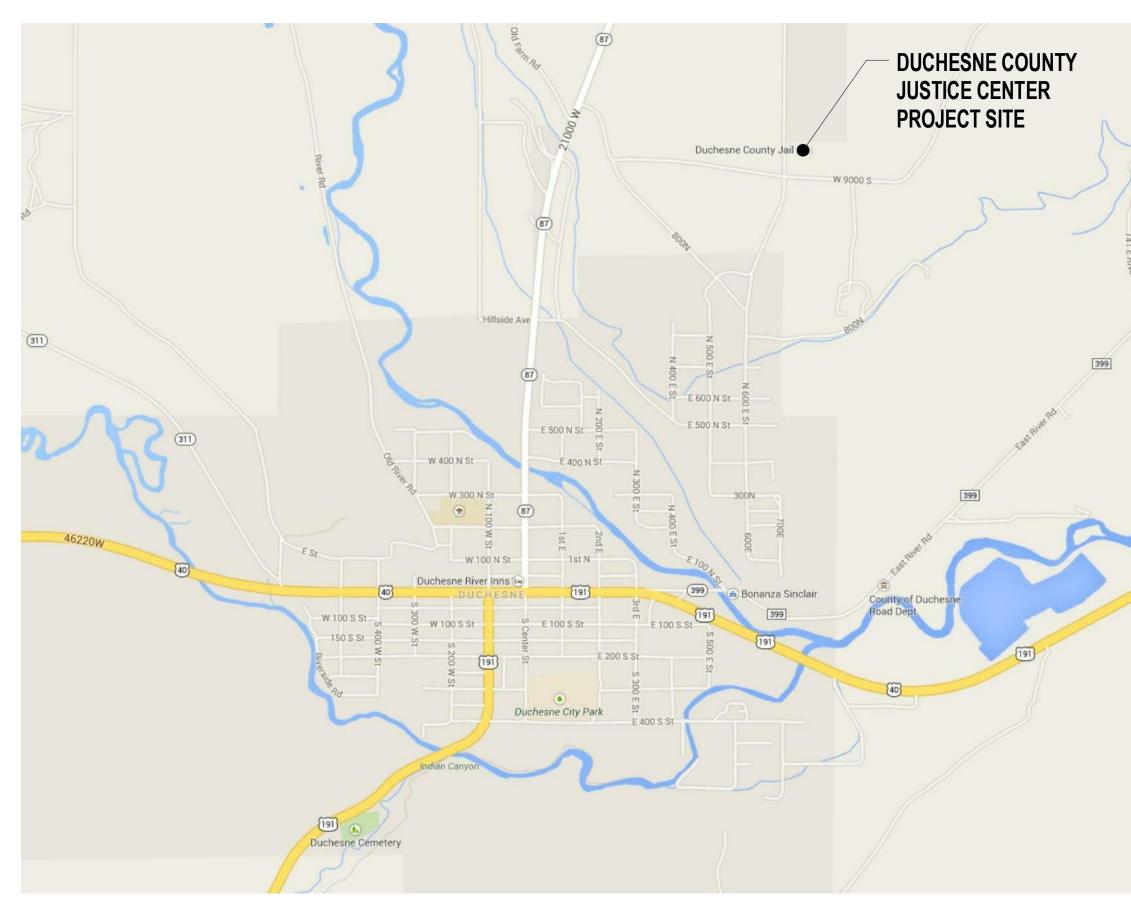


A R C H I T E C T U R A L

пехиѕ

DUNN ASSOCIATES, INC Consulting Structural Engineers

VICINITY MAP



APPROVALS

Alyn Lunceford, AOC

ZONING ORDINANCE:

Date 1 **Duchesne County**

DESIGN CRITERIA

APPLICABLE CODES ACCESSIBILITY CODE ICC/ANSI A117.1-2010 NFPA 101 LIFE SAFETY CODE 2012 EDITION INTERNATIONAL BUILDING CODE 2012 EDITION INTERNATIONAL ENERGY CONSERVATION CODE 2012 EDITION INTERNATIONAL FIRE CODE 2012 EDITION INTERNATIONAL MECHANICAL CODE 2012 EDITION INTERNATIONAL PLUMBING CODE 2012 EDITION NATIONAL ELECTRICAL CODE

These drawings comply with all the requirements of the DFCM Standards, as found at the following website: www. dfcm.utah.gov

OTHER CRITERIA

UTAH JUDICIAL FACILITY DESIGN STANDARDS U.S. ACCESS BOARD - JUSTICE FOR ALL: DESIGNING ACCESSIBLE COURTHOUSES DFCM DESIGN CRITERIA AND GUIDELINES

DFCM ENHANCED ACCESSIBILITY STANDARDS

DEFERRED SUBMITTALS

DEFERRED SUBMITTALS ARE DEFINED AS THOSE PORTIONS OF THE DESIGN THAT ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL, DURING THE CONTRACT PERIOD, AFTER THE SELECTION OF THE SPECIFIC PRODUCT HAS BEEN MADE. AFTER REVIEW BY THE DESIGN PROFESSIONALS, THE DEFERRED SUBMITTALS WILL BE FORWARDED TO THE BUILDING OFFICIAL WITH AN ACCOMPANIED LETTER FROM THE ARCHITECT STATING THAT THE DRAWINGS ARE IN CONFORMANCE WITH THE DESIGN. DEFERRED SUBMITTAL ITEMS ARE NOT TO BE INSTALLED UNTIL THEY HAVE BEEN REVIEWED BY THE DESIGN PROFESSIONALS AND THE BUILDING OFFICIAL. DEFERRED SUBMITTALS SHALL BE PROVIDED AS IDENTIFIED ON SHEET GI110, "NON STRUCTURAL COMPONENT CHECKLIST."

ADDITIONAL REQUIREMENTS

REQUIRED DOCUMENTS FOR CERTIFICATE OF OCCUPANCY OR FINAL APPROVAL

DUCHESNE CITY: CURRENT ADDITION

- CODE INSPECTION REPORT RECOMMENDING THAT A CERTIFICATE OF OCCUPANCY BE ISSUED A CODE INSPECTION REPORT RECOMMENDING THAT FINAL APPROVAL
- OF THE PROJECT BE GIVEN FINAL REPORT FROM THE SPECIAL INSPECTION AGENCY CERTIFICATE OF FIRE CLEARANCE FROM THE STATE FIRE MARSHAL
- REPORT OF THE DISINFECTION OF THE POTABLE WATER SYSTEM, IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE, SECTION 610
- A STAMPED AND SIGNED FINAL REPORT FROM THE STRUCTURAL ENGINEER WHEN STRUCTURALLY OBSERVATION IS REQUIRED BY INTERNATIONAL BUILDING CODE SECTION 1710
- FINAL REPORT FROM THE SPECIAL INSPECTOR AND MECHANICAL ENGINEER WHEN SMOKE CONTROL IS REQUIRED (REPORTS MUST COMPLY WITH INTERNATIONAL BUILDING CODE SECTION 909.18.8.3)



State of Utah-Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT 4110 State Office Building/Salt Lake City, Utah 84114/538-3018

SCHEDULE OF DRAWINGS

COVER SHEET GI002 **LEGEND & NOTES** CODE ANALYSIS GI100 GI101 LIFE SAFETY PLAN PHASING PLANS **EXTERIOR WALL TYPES** GI504 ASSEMBLY TYPES **CEILING TYPES** ACCESSIBILITY COMPLIANCE

ARCHITECTURAL:

EXISTING PLAN OVERALL FLOOR PLAN FLOOR PLAN - RENOVATED SPACES

FLOOR PLAN - NEW ADDITION SPACES ANALYTIQUE FLOOR PLAN

EXTERIOR ELEVATIONS BUILDING SECTION WALL SECTIONS WALL SECTIONS AE352

WALL SECTIONS

PARTIAL WALL SECTIONS **ENLARGED FLOOR PLAN ENLARGED TOILET PLANS & ELEVATIONS** TYPICAL DETAILS

MECHANICAL: TO BE PROVIDED IN DESIGN DEVELOPMENT PHASE

SECURITY/ TELECOMMUNICATION:

Date 2

Architectural NEXUS, In 2505 East Parleys Way Salt Lake City, Utah 84109

> Architect and as such the Architect retains © Architectural Nexus, Inc. 2014

SCHED

SECT

SPEC

SS

TEMP

THK

TOM

TOS

TOW

TO

VERT

WD

WH

TYP TYPICAL

SIM SIMILAR

STD STANDARD

STRUCT STRUCTURAL

TREAD

THICK

TEMPORARY

TOP OF CONCRETE

TOP OF MASONRY

TOP OF PARAPET

TOP OF WALL

TOP OF

VERTICAL

VESTIBULE

WITH

WITHOUT

WOOD

X,Y,Z (NOT USED)

WALL HYDRANT

WORKING POINT WRB WEATHER RESISTIVE BARRIER

THE PRECEDING LIST OF ABBREVIATIONS IS

ABBREVIATIONS USED. OTHER GENERALLY

ACCEPTED ABBREVIATIONS MAY BE FOUND

ABBREVIATIONS SHOWN ABOVE MAY NOT

BE USED WITHIN THIS DRAWING SET.

PRESENTED AS A GENERAL GUIDE AND

DOES NOT NECESSARILY SHOW ALL

AMONG THE DRAWINGS - SOME

VERIFY IN FIELD

TOP OF SLAB; TOP OF STEEL

UNDERWRITER'S LABORATORIES

UNLESS NOTED OTHERWISE

VINYL COMPOSITE TILE

TELEPHONE

BOARD

BUILDING

CELSIUS

COAT HOOK

CORNER GUARD

CONTROL JOINT

CENTERLINE

CEILING

CLOSET

CLEAR

COLUMN

CONCRETE

CONTINUOUS

CORRIDOR

CTJ CONSTRUCTION JOINT

DEEP

DIMENSION

DOWN

DOWNSPOUT

DRAWINGS

EACH

SYSTEM

ELEVATION

ELECTRICAL

ELEVATOR

EQUAL

EXIST EXISTING

EXP EXPOSED EXT EXTERIOR

EQUIPMENT

EWC ELECTRIC WATER COOLER

FAHRENHEIT

FLOOR DRAIN

FINISH

FOUNDATION FINISHED OPENING FACE OF CONCRETE

FACE OF MASONRY

FIBER REINFORCED GYPSUM

FACE OF STUD FACE OF WALL

FSP FIRE STANDPIPE

FT FEET FV FIELD VERIFY

FIRE EXTINGUISHER FINISH GRADE

FIRE HOSE CABINET

FIRE ALARM CONTROL PANEL

FIRE EXTINGUISHER CABINET

FIRE DEPARTMENT CONNECTION

FIRE ALARM

EDGE OF SLAB

EXISTING ROOF DRAIN

EXPANSION JOINT

EXTERIOR INSULATION AND FINISH

DEGREE

DEMOLITION

CERAMIC TILE

CABINET UNIT HEATER

DRINKING FOUNTAIN

CONTRACTOR FURNISHED,

CONTRACTOR INSTALLED

CONTINUOUS INSULATION

CONCRETE MASONRY UNIT

BOTTOM OF

BLDG BO

CLG CLO

CLR

CMU COL

CONC

DEG

DIA

DIM

ELEV

EOS

ERD

EQ

EQUIP

FACP

FDC

FHC

FND

FOM

FOS

FLR FLOOR

FIN

HIGH

HDR

INFO

JAN JANITOR

LAB LABORATORY

LAV LAVATORY

LBS POUNDS

LPT LOW POINT

MFR

MECH

MEZZ

NOM

OPP

PSI

MIN MINIMUM

HOSE BIBB

HOLLOW METAL

INSIDE DIAMETER; INSIDE DIMENSION

HIGH POINT

HEADER

HOUR

HEIGHT

INCH

INFORMATION

INTERIOR

(NOT USED)

LLH LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL

MACH RM MACHINE ROOM

MAXIMUM

MANUFACTURER

MASONRY OPENING

NOT APPLICABLE

NOMINAL NTS NOT TO SCALE

ON CENTER

OH DR OVERHEAD DOOR

ORIG ORIGINAL

PLAS PLASTER

PR PAIR

PLUMB PLUMBING

OPPOSITE

P LAM PLASTIC LAMINATE

PVC POLYVINYL CHLORIDE

QUARRY TILE

OUTSIDE DIAMETER;

OVERFLOW DRAIN

OPPOSITE HAND

OUTSIDE DIMENSION

POUNDS PER SQUARE INCH

POUNDS PER SQUARE FOOT

NOT IN CONTRACT

MECHANICAL

MEZZANINE

ROOM

ROUGH OPENING

ROOF TOP UNIT

RAIN WATER LEADER

SMOKE DETECTOR

SCHEDULE

SPECIFICATION STAINLESS STEEL

SECTION

SELF ADHESIVE MEMBRANE

PRECAST CONCRETE / GLASS FIBER REINFORCED CONCRETE (GFRC) STEEL STUDS WOOD STUDS BRICK VENEER RIGID INSULATION BATT INSULATION CONTINUOUS MATERIAL NON CONTINUOUS MATERIAL (BLOCKING) GYPSUM BOARD PLYWOOD EXTERIOR SHEATHING

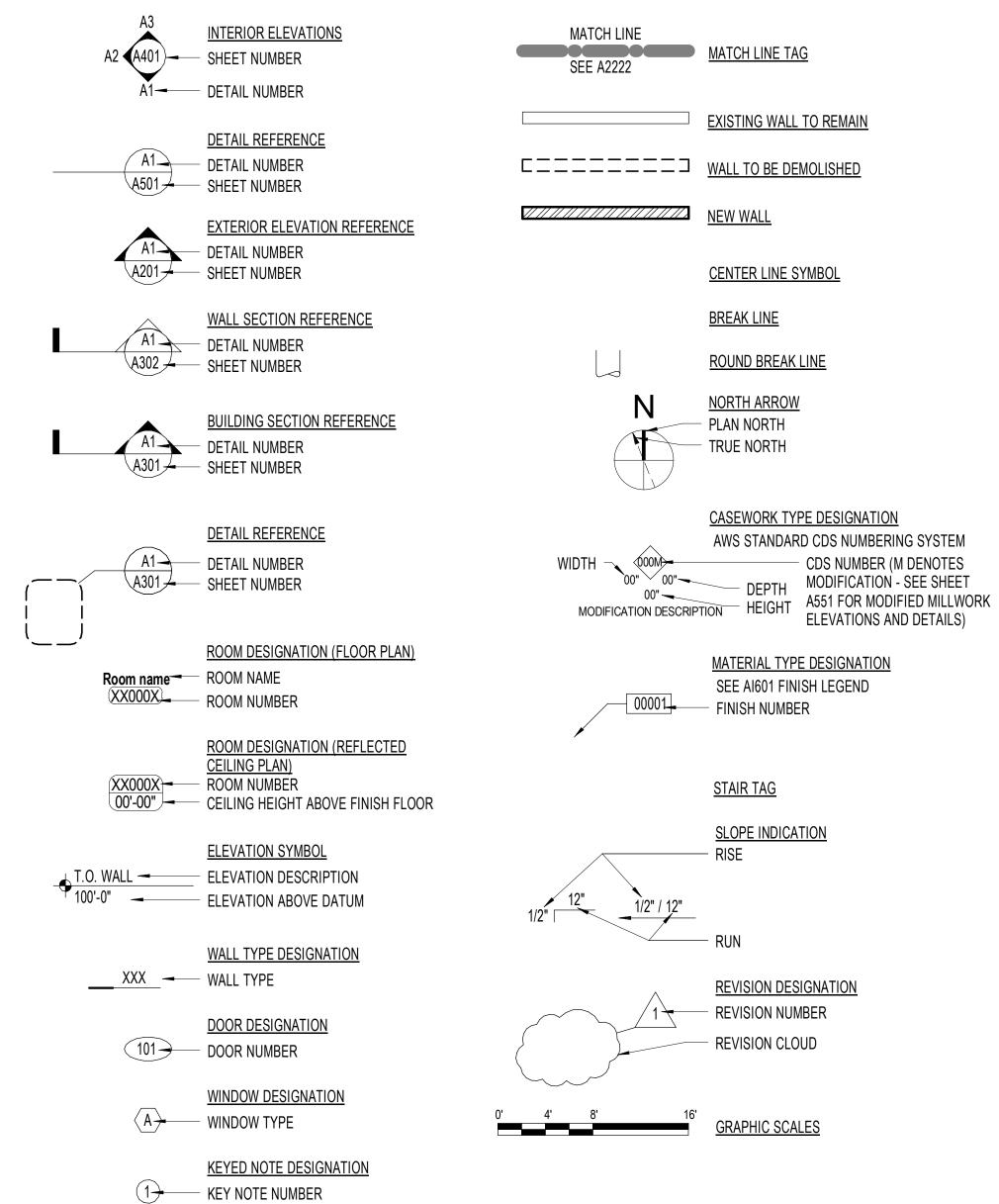
UNDISTURBED EARTH

BACKFILL OR FILL

GRAVEL

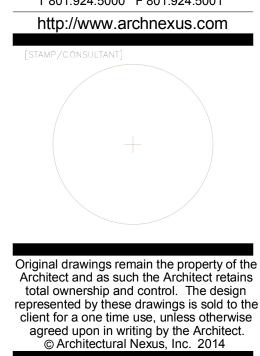
DRAWING SYMBOL LEGEND

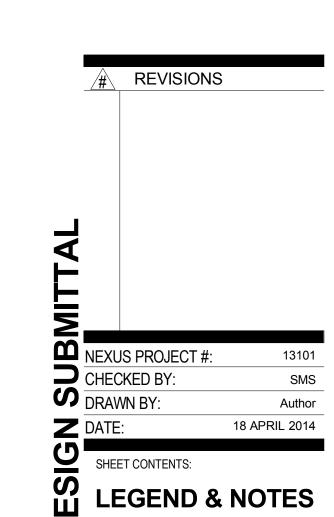
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EQUIPMENT DESIGNATION

00001 — EQUIPMENT NUMBER





Room

Number

1001

1002

1003

1004

1005

1007

1008

1061

E719

EXIT

E720 ENTRY

ROOMS_OCCUPANT LOAD/SPACE SCHEDULE

Area per Occupant

100

100

100

Gross

Gross

Gross

Full Time Room

1001

1002

1003

1004

1005

1006

1007

1008

1009

1010

1011

1012

1013

1014

1015

1016

1017

1018

1019

1020

1021

1022

1023

1024

1025

1026

1027

1028

1029

1030

1031

1032

1033

1034

1035

1036

1037

1038

1039

1040

1041

1042

1043

1044

1045

1046

1047

1048

1049

1050

1051

1052

1053

1054

1055

1055A

1056

1057

1058

1059

1059A

1060

1061

1062

1063

1064

1065

1066

1067

1068

1069

1070

1071

1072

1073

1074

1075

1076

1077

1078

E302

E303

E304

E305

E315

E315A

E317

E322

E324

E325

E330

E332

E333

E719

E720

0.4

0.4

100 Gross

100 Gross

4

4

1.9

1.9

1.9

1.9

1.7

5.5

4.1

0.5

2.5

0.6

5.3

0.5

2.5

0.5

0.6

1.5

Equivalencies Number

1009	VESTIBULE	52 SF	B: Business Areas	100	Gross	
1010	SECURITY	210 SF	B: Business Areas	100	Gross	
1011	RECEPTION	295 SF	B: Business Areas	100	Gross	
1012	GUARDIAN AD LITEM OFFICE	222 SF	B: Business Areas	100	Gross	
1013	GUARDIAN AD LITEM OFFICE	214 SF	B: Business Areas	100	Gross	
1014	DEP. CO. ATTY.	188 SF	B: Business Areas	100	Gross	
1015	DEP. CO. ATTY	188 SF	B: Business Areas	100	Gross	
1016	DEP. CO. ATTY.	188 SF	B: Business Areas	100	Gross	
1017	DEP. CO. ATTY.	188 SF	B: Business Areas	100	Gross	
1018	COUNTY ATTY	250 SF	B: Business Areas	100	Gross	
1019	VESTIBULE	39 SF	B: Business Areas	100	Gross	
1020	CASE MGR.	151 SF	B: Business Areas	100	Gross	
1021	CONFERENCE	256 SF	B: Business Areas	100	Gross	

1018 2.5 1019 0.4 CONFERENCE 1022 FILES / STOR. 68 SF B: Business Areas 100 Gross 0.7 1023 Gross 0.6 TOILET 58 SF B: Business Areas 100 1024 LEGAL ASSISTANCE / RECEPTION & FILES 804 SF B: Business Areas 100 Gross 8.0 1025 COPY / WORK 47 SF B: Business Areas 100 Gross 0.5 341 SF B: Business Areas 1026 PUB. TERM. 100 Gross 100 8.2 JUDICIAL SERV. & REP. 820 SF B: Business Areas Gross COURT CLERK 120 SF B: Business Areas 100 Gross 1.2 WORK AREA 120 SF B: Business Areas 100 Gross 1.2 CASE MGR. 100 Gross 151 SF B: Business Areas 1.5 100 Gross 1.5

1027 1028 1029 1030 FLEX OFFICE 148 SF B: Business Areas 1032 FILES / VAULT 172 SF B: Business Areas 1033 CORRIDOR 546 SF B: Business Areas 1034 BREAK AREA 408 SF B: Business Areas 1035 TOILET 55 SF B: Business Areas

100 Gross 1036 JUV COURT JUDGE 252 SF B: Business Areas 100 Gross 1037 TOILET 60 SF B: Business Areas 100 Gross 1038 JURY ROOM 525 SF B: Business Areas 100 Gross 1039 TOILET 51 SF B: Business Areas 100 Gross 1040 DIST COURT JUDGE 100 255 SF B: Business Areas Gross 1041 TOILET 54 SF B: Business Areas 100 Gross 1042 TOILET 62 SF B: Business Areas 100 Gross 1043 MECHANICAL 455 SF U: Accessory Storage areas, mechanical equipment room 300

1044 0.2 68 SF U: Accessory Storage areas, mechanical equipment room DATA 1045 85 SF U: Accessory Storage areas, mechanical equipment room 300 Gross 0.3 1046 VESTIBULE 0.6 56 SF B: Business Areas 100 Gross 1047 4-WAY 73 SF B: Business Areas 100 Gross 0.7 1048 **HOLDING AREA** Gross 210 SF B: Business Areas 100 2.1 1049 HOLD 110 SF B: Business Areas Gross 1.1 100 1050 HOLD Gross 100 1.2 116 SF B: Business Areas WOMEN 1051 127 SF B: Business Areas 100 Gross 1.3 1052 MEN 120 SF B: Business Areas 100 Gross 1.2

1053 FLEX OFFICE 136 SF B: Business Areas 100 Gross 1.4 60 SF A-3: Courtrooms 40 Net 1.5 JUVENILE COURT COURTROOM Net 36.1 1,446 SF A-3: Courtrooms 40 1055A COURTROOM GALLERY 336 SF A-3: Fixed Seating Fixed 40.0 1056 INTERVIEW 136 SF B: Business Areas 100 Gross 1.4 FLEX OFFICE 1057 151 SF B: Business Areas 100 Gross 1.5 1058 VEST. 60 SF A-3: Courtrooms 40 Net 1.5 1059 39.3 DISTRICT COURT COURTROOM 1,571 SF A-3: Courtrooms 40 Net COURTROOM GALLERY 36.0 364 SF A-3: Fixed Seating 0 Fixed 1060 INTERVIEW 151 SF B: Business Areas 100 1.5 Gross

CORRIDOR 1,209 SF A-3: Courtrooms 40 Net 30.2 1062 HOLD 100 Gross 139 SF B: Business Areas 1.4 HOLD 1063 139 SF B: Business Areas 100 Gross 1.4 1064 HOLDING AREA 100 Gross 302 SF B: Business Areas 3.0 1065 0.6 4-WAY 60 SF B: Business Areas 100 Gross TRANSFER HALL 261 SF B: Business Areas 100 Gross 2.6 1067 DATA 49 SF B: Business Areas 100 Gross 0.5 1068 TOILET 0.5 100 Gross 51 SF B: Business Areas 1069 CORRIDOR 775 SF B: Business Areas 100 Gross 7.8 INTERVIEW 1070 158 SF B: Business Areas 100 Gross 1.6 VEST. 1071 32 SF A-3: Courtrooms 40 Net 8.0 INTERVIEW 1072 100 Gross 0.8 83 SF B: Business Areas

VEST. 0.9 1073 35 SF A-3: Courtrooms 40 Net 1074 STORAGE 3.3 334 SF B: Business Areas 100 Gross 1075 CIRCULATION 367 SF B: Business Areas 100 Gross 3.7 CLERKS 1076 377 SF B: Business Areas 100 Gross 3.8 1077 OFFICE 101 SF B: Business Areas Gross 1.0 SHERRIFF SPACE 15.9 1078 1,590 SF B: Business Areas 100 Gross E163 JUSTICE COURT JUDGE 2.9 E163 293 SF B: Business Areas 100 Gross E302 SECURITY 89 SF | U: Accessory Storage areas, mechanical equipment room | 300 | Gross 0.3 E303 TOILET 111 SF B: Business Areas 100 Gross 1.1 E304 0.1 JANITOR 300 Gross 29 SF U: Accessory Storage areas, mechanical equipment room TOILET E305 112 SF B: Business Areas 100 Gross 1.1

E315 JUSTICE COURT COURTROOM 1,153 SF A-3: Courtrooms 40 Net 28.8 E315A COURTROOM GALLERY 387 SF A-3: Fixed Seating Fixed 50.0 E317 INTERVIEW 125 SF B: Business Areas 100 Gross 1.3 E322 JURY ROOM 379 SF B: Business Areas 100 Gross E324 TOILET 0.5 52 SF B: Business Areas 100 Gross E325 TOILET 55 SF B: Business Areas 100 Gross 0.5 WAITING E330 100 Gross 115 SF B: Business Areas 1.1 E332 PROBATION 136 SF B: Business Areas 100 Gross 1.4 E333 PROBATION 1.5 150 SF B: Business Areas 100 Gross

35 SF B: Business Areas

36 SF B: Business Areas

28,173 SF

MINIMUM PLUMBING FACILITES PER IBC 2012 TABLE 2902.1 **WOMEN (50%)** WC / MAX **AREA OCCUPANCY: DESCRIPTION** PERSONS MEN URINAL URINALS LAV WOMEN WC LAV DF NOTES 4481 SF A-3: Assembly w/o fixed seating: Unconcentrated 298.75 | 149.38 | 1.49 | 0.75 | 1.49 | 149.38 | 1.49 | 1.49 | 0.30 149.30 74.65 0.75 0.37 0.75 74.65 0.75 0.75 0.15 5972 SF A-3: Courtrooms 126.00 63.00 0.63 0.32 0.63 63.00 0.63 0.63 0.13 1088 SF A-3: Fixed Seating 15907 SF B: Business Areas 159.07 | 79.54 | 2.59 | 1.30 | 1.99 | 79.54 | 2.59 | 1.99 | 1.59
 2.42
 1.21
 0.01
 0.01
 0.01
 1.21
 0.01
 0.01
 0.00
 725 SF U: Accessory Storage areas, mechanical equipment room 735.55 367.77 5.47 2.74 4.87 367.77 5.47 4.87 2.17 28173 SF

PLUMBING FIXTURES PROVIDED				
FIXTURE	QTY			
WC/ LAV COMBO (DETENTION)	4			
WATER CLOSET	14			
URINAL	3			
LAVATORY	21			
DF (2 PER FIXTURE)	2			

CODE COORDINATION NOTES

IBC 2012 - GENERAL CODE REQUIREMENTS

EXISTING / NEW CONSTRUCTION

(SECTION 504.2)

(SECTION 506.2, EQUATION 5-2)

(SECTION 506.3)

CODE REFERENCE

OCCUPANCY CLASSIFICATION

SECTION 508.3, 508.4, 508.4.4 & TABLE 508.4)

ALLOWABLE HEIGHT

(SECTION 503,504 & TABLE 503)

ACTUAL HEIGHT

(SECTION 503 & TABLE 503)

ALLOWABLE AREA

I*f*=[F/P - 0.25] W/30

 $\{At + [At \times If] + [At \times Is]\}$

SPECIAL PROVISIONS?

TABLE 601), (SECTION 403.2.1.1.2 APPLIES)

BEARING WALLS, EXTERIOR

BEARING WALLS, INTERIOR

AND JOISTS

BEAMS AND JOISTS

>= 5' AND < 10'

>= 10' AND < 30'

MEANS OF EGRESS

ACTUAL FLOOR AREA

EGRESS WIDTH

CORRIDORS

MINIMUM WIDTH

ACCESSIBILITY

DESIGN OCCUPANT LOAD

>= 30'

NONBEARING WALLS. EXTERIOR

NONBEARING WALLS. INTERIOR

ROOF CONST INCLUDING SUPPORT

AUTOMATIC SPRINKLER SYSTEMS

ACTUAL AREA

UNLIMITED AREA BUILDING?

CONSTRUCTION CLASSIFICATION

MIXED OCCUPANCIES-SEPARATED USES

HEIGHT INCREASE FOR SPRINKLERS

BASE ALLOWABLE AREA PER FLOOR (At)

INCREASED ALLOWABLE AREA PER FLOOR

FIRE-RESISTANCE RATING - BUILDING ELEMENTS

STRUCT FRAME, INCLUDING COLS, GIRDERS &

FLOOR CONST INCLUDING SUPPORT BEAMS

FIRE-RESISTANCE RATING - FIRE SEPARATION DIST

< 5' (PARAPET REQUIRED PER SECTION 704.11.1)

FLOOR AREA IN SQUARE FEET PER OCCUPANT

EGRESS COMPONENT WIDTH PER OCCUPANT

OTHER EGRESS COMPONENT WIDTH REQUIRED

OTHER EGRESS COMPONENT WIDTH PROVIDED

REQUIRED FIRE-RESISTANCE RATING

(SECTION 1020.1, TABLE 1020.1, SECTION 1021.2 & TABLE 1021.2)

TOTAL PARKING SPACES PROVIDED

ACCESSIBLE PARKING SPACES PROVIDED

VAN ACCESSIBLE PARKING SPACES PROVIDED:

REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES

VAN ACCESSIBLE PARKING SPACES REQUIRED (1/6):

MINIMUM PLUMBING FACILITIES

FRONTAGE AREA INCREASE (If)

SPRINKLER AREA INCREASE (Is)

BASE ALLOWABLE HEIGHT (ABOVE GRADE PLANE)

RENOVATION

(EXISTING)

MIXED

(A-3 / B / I-3 /S-1)

1 HOUR

55'-0" / 2

0'-0" / 0

15'-6" / 1

0 0 0.5

(SECTION 507) NO NO NO NO

(SECTION 510) | N/A | N/A | N/A | N/A

N/A | N/A | 3 | N/A

UL SF UL SF 48,000 SF

1,615 SF 11,686 SF 27,536 SF 3,157 SF

(SEE GI5XX SHEETS)

2 HOUR

(SEE GI501)

(SEE GI50X SHEETS)

(SEE GI5XX SHEETS)

(SEE GI5XX SHEETS)

1 HOUR

1 HOUR

1 HOUR

0 HOUR

NONE

0.2"

180"

1-HOUR

44" OR

PER 1005.1

45 PUBLIC

N/A

N/A

N/A

(SECTION 1018.1 & TABLE 1018.1

(SECTION 1018.2,1005.1)

HEIGHT / STORIES

A-3: | B: | I-3: | S-1: | MOST RESTRICTIVE

| ULSF | ULSF | ULSF | 48,000 SF | OCCUPANCY 'A-3' : 9,500 SF

REQUIRED RATING

UL LISTING

PER FIRE RESISTANCE RATING - FIRE

SEPARATION DISTANCE BELOW

REQUIRED RATING

SEE SCHEDULE AT LEFT

SEE SCHEDULE AT LEFT

SEE SCHEDULE AT LEFT & SHEET GI101

SEE SCHEDULE "MINIMUM PLUMBING FACILITIES"

AT LEFT

A. SEE LISTING FOR FIRE RATING OF WALL TYPES ON SHEETS GI501 THROUGH <u>GI50x</u>. B. NOTE: ONLY WALLS NOTED ON THIS SHEET (GI101)

[Draft 5 - 07.14.04]

ADDITION

(NEW)

MIXED

(A-3 / B)

NO SEPARATION

REQUIRED

55'-0" / 2

20'-0" / 1

21'-0" / 1

[467.66' / 586.33' - 0.25] 30/30

= 0.55

1 STORY ABOVE GRADE

43,225 SF

NO

N/A

19,338 SF

TYPE

II-B

0 HOUR

N/A

0 HOUR

N/A

0 HOUR

0 HOUR

0 HOUR

1 HOUR

1 HOUR

1 HOUR

0 HOUR

PER 903.3.2

0.15"

74"

144"

0-HOUR

44" OR

PER 1005.1

16 PUBLIC, 24 SECURE

1, 1

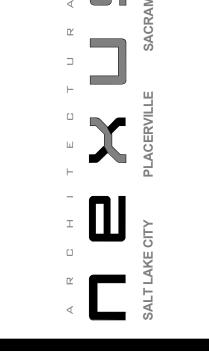
4, 2

1, 1

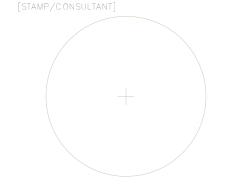
2, 1

N/A

- ARE REQUIRED TO BE FIRE-RATED. SOME WALLS MAY BE REFERENCED TO A WALL CONSTRUCTION TYPE WHICH HAS A FIRE-RATING, BUT THE RATING IS NOT REQUIRED UNLESS SO NOTED ON THIS SHEET. PENETRATIONS THROUGH FIRE RATED ASSEMBLIES
- SHALL BE FIRE STOPPED IN ACCORDANCE WITH SHEET <u>GI510 & GI511</u>, AND WRITTEN INSTRUCTION FROM THE MANUFACTURER OF THE FIRE STOPPING MATERIAL. WALLS AND FLOOR / CEILINGS SURROUNDING EXIT
- PASSAGEWAYS SHALL NOT BE PENETRATED WITH DUCTS, PIPING CONDUITS, ETC. UNLESS NECESSARY TO SERVICE OR PROTECT THE EXIT ENCLOSURE. THERE SHALL BE NO COMMUNICATION OPENING OR PENETRATIONS BETWEEN ADJACENT EXIT ENCLOSURES. PENETRATION SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE DETAILS ON SHEETS <u>GI510 & GI511</u> AND WRITTEN INSTRUCTION FROM MANUFACTURER OF THE FIRE STOPPING MATERIAL.



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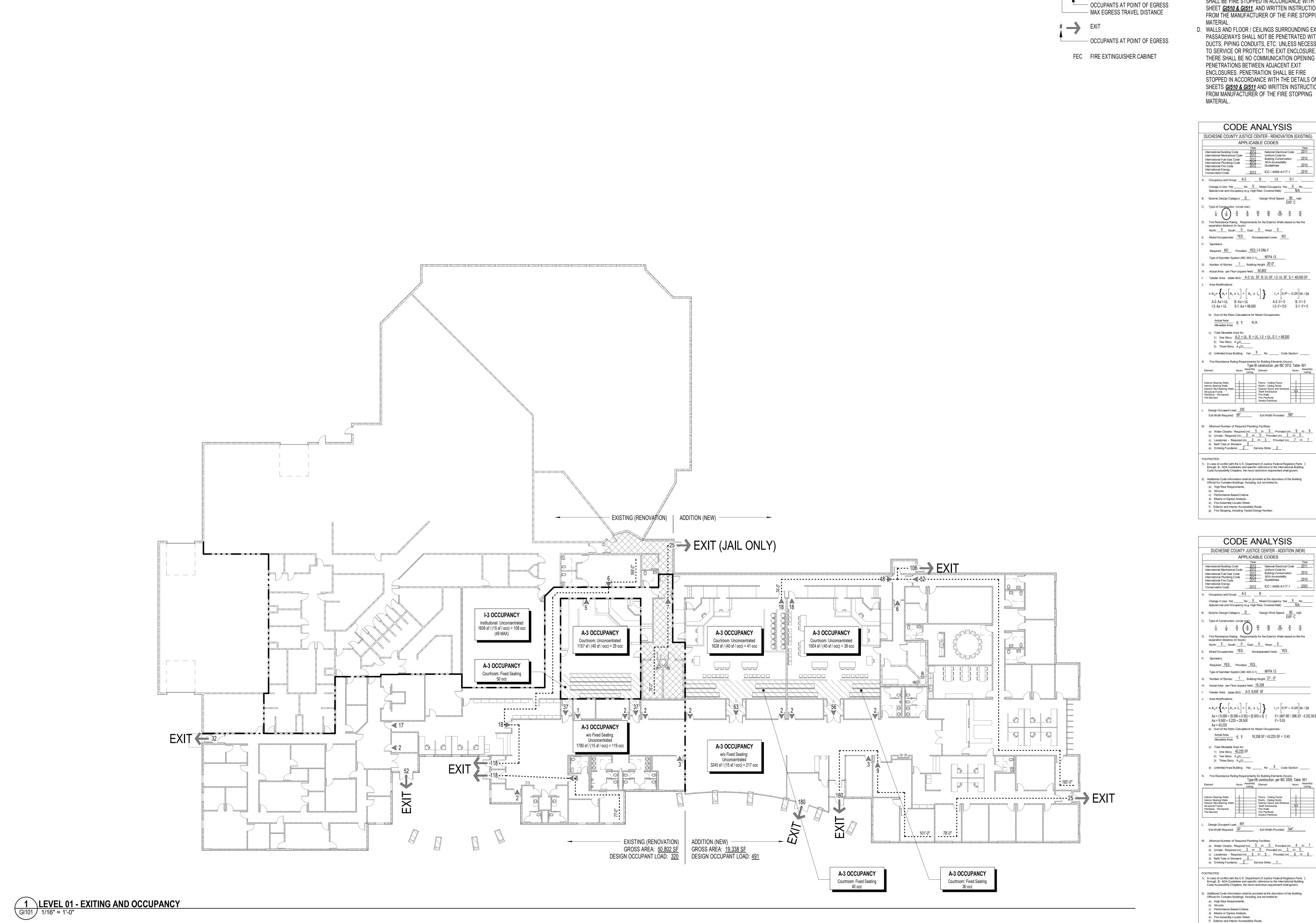
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SHEET CONTENTS:

CODE ANALYSIS



CODE COORDINATION NOTES

1-HOUR FIRE BARRIER CONSTRUCTION 2-HOUR FIRE BARRIER CONSTRUCTION **3-HOUR FIRE WALL CONSTRUCTION**

LEGEND - LIFE SAFETY

----#

DIRECTION OF EGRESS

A. SEE LISTING FOR FIRE RATING OF WALL TYPES ON SHEETS GI501 THROUGH <u>GI50x</u>. B. NOTE: ONLY WALLS NOTED ON THIS SHEET (*GI101*) ARE REQUIRED TO BE FIRE-RATED. SOME WALLS MAY BE REFERENCED TO A WALL CONSTRUCTION TYPE WHICH HAS A FIRE-RATING, BUT THE RATING IS NOT

REQUIRED UNLESS SO NOTED ON THIS SHEET. C. PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE FIRE STOPPED IN ACCORDANCE WITH SHEET **GI510 & GI511**, AND WRITTEN INSTRUCTION FROM THE MANUFACTURER OF THE FIRE STOPPING MATERIAL.

D. WALLS AND FLOOR / CEILINGS SURROUNDING EXIT PASSAGEWAYS SHALL NOT BE PENETRATED WITH DUCTS, PIPING CONDUITS, ETC. UNLESS NECESSARY TO SERVICE OR PROTECT THE EXIT ENCLOSURE. THERE SHALL BE NO COMMUNICATION OPENING OR PENETRATIONS BETWEEN ADJACENT EXIT ENCLOSURES. PENETRATION SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE DETAILS ON SHEETS **GI510 & GI511** AND WRITTEN INSTRUCTION FROM MANUFACTURER OF THE FIRE STOPPING MATERIAL.

APPLICABLE CODES

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1) One Story: A-3: = UL, B: = UL, I-3: = UL, S-1: = 48,000 2) Two Story: A ₄(2)_____ Three Story: A _a(3)_____ d) Unlimited Area Building: Yes X No Code Section: __ Type IB construction, per IBC 2012, Table 601

Hours Assembly Listing Element Hours Listing

Design Occupant Load: 320 Exit Width Required: 64" Exit Width Provided: 180"

M. Minimum Number of Required Plumbing Facilities:

c) Lavatories - Required (m) 3 (f) 3 Provided (m) 7 (f) 7
d) Bath Tubs or Showers: 0
e) Drinking Fountains: 2 Service Sinks: 3

In case of conflict with the U.S. Department of Justice Federal Registers Parts I through \(\mathbb{I}\)- ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

 Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to: a) High Rise Requirements. c) Performance Based Criteria.

d) Means or Egress Analysis. e) Fire Assembly Locator Sheet. f) Exterior and Interior Accessibility Route. g) Fire Stopping, Including Tested Design Number.

	C	DDI	EΑ	NAL	_YSI	S	
	DUCHESNE (COUNT	Y JUSTIC	CE CENT	ER - ADDI	TION (NE	EW)
		AP		BLE CO	DES		
_	nternational Building	Code	Year 2012		onal Electrical	Code	Year 2011
lr	nternational Mechani	ical Code	2012	Unif	orm Code for ling Conserva		2012
l Ir	nternational Fuel Gas	g Code	2012 2012 2012	ADA	Accessibility delines		2010
l Ir	nternational Fire Coonternational Energy	ie			/ ANSI A117	- 7 1	2003
	Conservation Code	Α.	2012		ANSIATI	/··!	2003
A.	Occupancy and Gr			B			
	Change in Use: Ye Special Use and C						
B.	Seismic Design Ca	ategory:	D	Design V	Vind Speed: _ 	90 mp EXP. C	bh
C.	Type of Constructi		\frown			_	_
	$\frac{I}{A}$ $\frac{I}{B}$	Π _A	(∄)	<u>Ш</u> <u>Ш</u> В	HT	<u>V</u>	<u>V</u> B
D.	Fire Resistance R separation distance	e (in hours	s):			ased on the	e fire
E.	Mixed Occupancie	s: YES	Noi	nseparated	Uses: YES	<u> </u>	
F:	Sprinklers:						
	Required: YES	Provid	ed: YES	_			
	Type of Sprinkler S	System (IE	C 903.3.1	NFP	A 13		
G:	Number of Stories						
H:	Actual Area per F	loor (squa	re feet):	19,338			
l:	Tabular Area: (ta						
J:	Area Modifications						
	a) $A_a = \left\{ A_t + \left[A_t + \left$	A _t x I _f	A _t x	s	I _f = F/F	- 0.25	W / 30
	Aa = { 9,500 + [Aa = 9,500 + 5, Aa = 43.225	9,500 x 0.	55] + [9,50		_	_	3' - 0.25] 30/3
	b) Sum of the Ra	itio Calcula	ations for M	Mixed Occu	pancies:		
	Actual Area Allowable Are	_ ≤ 1	19,3	338 SF / 43	,225 SF = 0.	45	
	c) Total Allowable 1) One Story 2) Two Story	43,225 A ₄ (2)_	SF				
	3) Three Sto				Υ	_	
	d) Unlimited Area	-					
K.	Fire Resistance F	Rating Red	Type III		Elements (ho ion, per IBC 2		
El	ement	Hours	Assembly Listing	Element		Hours	Assembly Listing
E>	derior Bearing Walls	0		Floors - Ce	iling Floors	0	1

g) Fire Stopping, Including Tested Design Number.

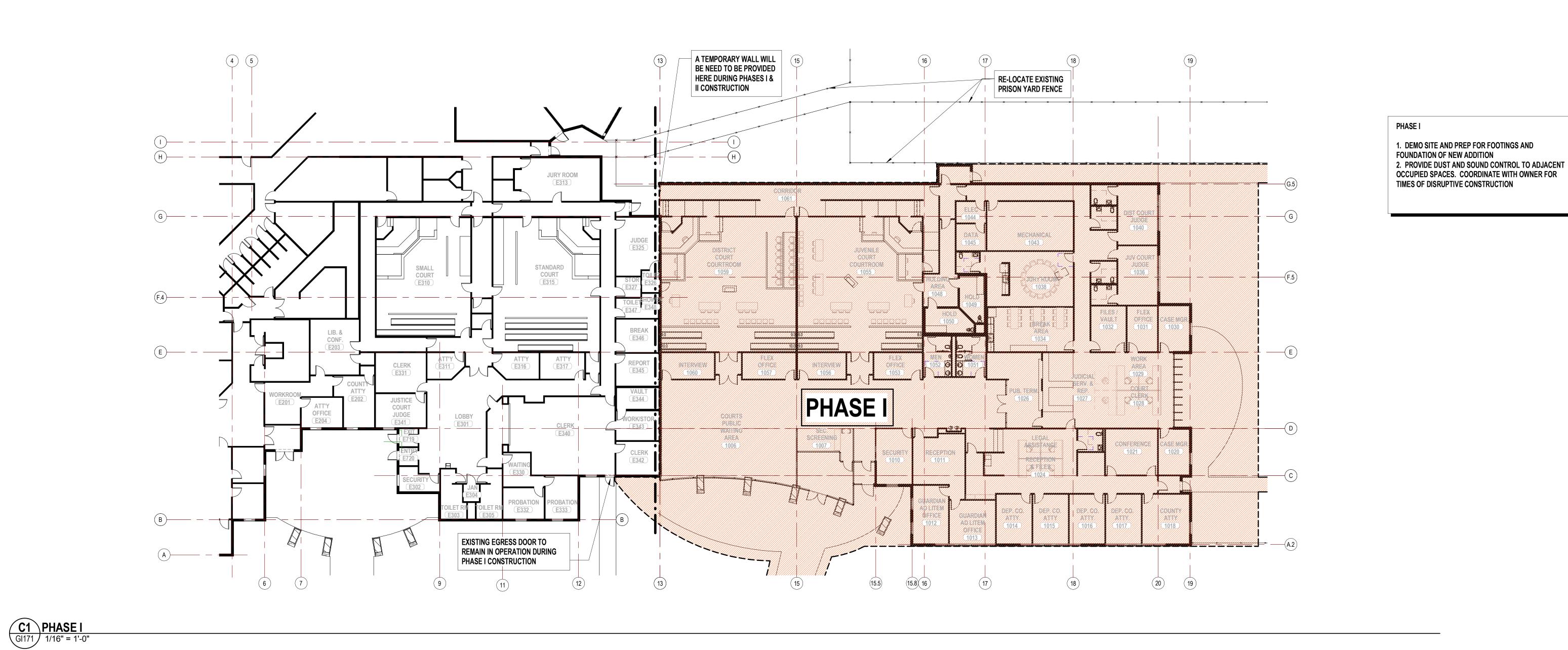
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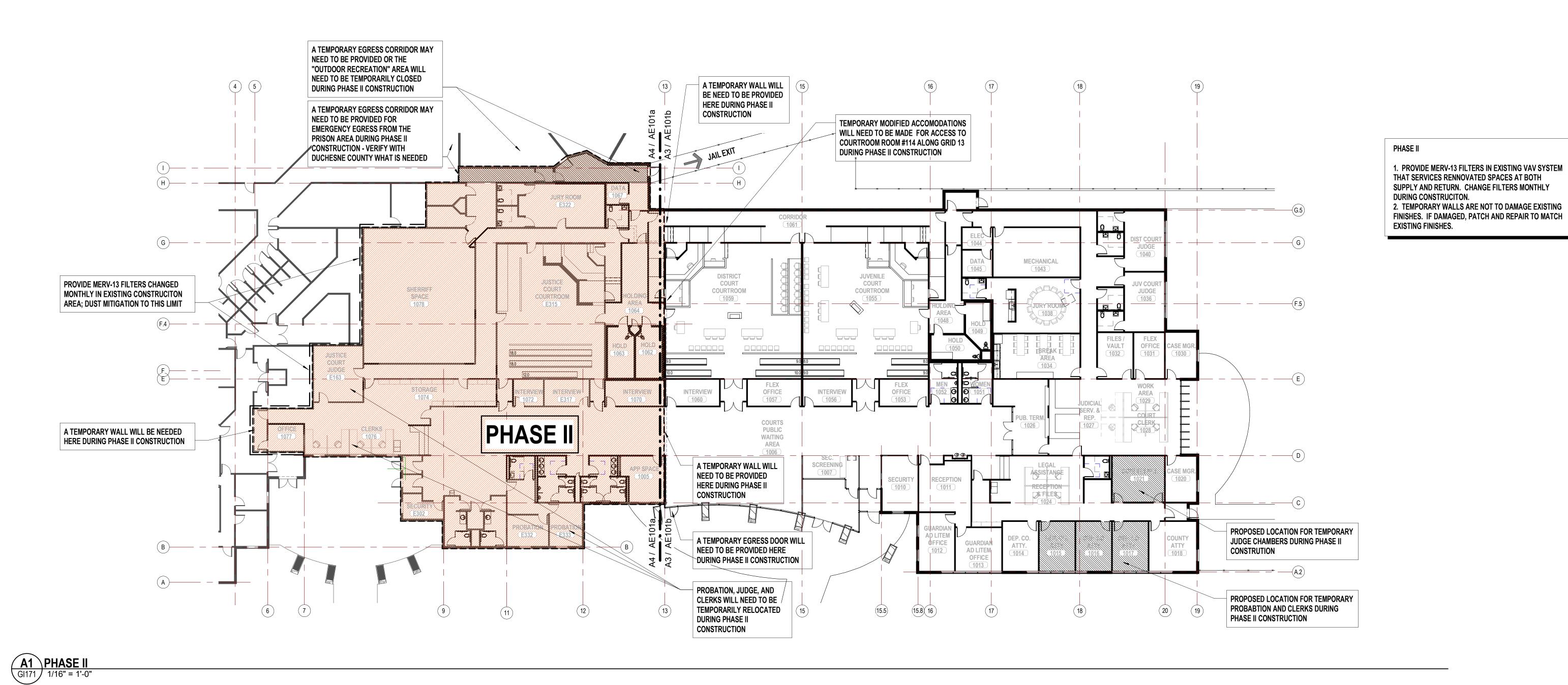
DRAWN BY: 18 APRIL 2014 SHEET CONTENTS:

/#\ REVISIONS

a) Water Closets - Required (m) $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ Provided (m) $\underline{}$ $\underline{}$ $\underline{}$ (f) $\underline{}$ Provided (m) $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ Provided (m) $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ LIFE SAFETY D PLAN c) Lavatories - Required (m) $\underline{}$ $\underline{}$ $\underline{}$ (f) $\underline{}$ Provided (m) $\underline{}$ $\underline{}$ (f) $\underline{}$ d) Bath Tubs or Showers: $\underline{}$ 0 Prinking Fountains: $\underline{}$ Service Sinks: $\underline{}$ In case of conflict with the U.S. Department of Justice Federal Registers Parts I through
 ∇- ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

SMS Author





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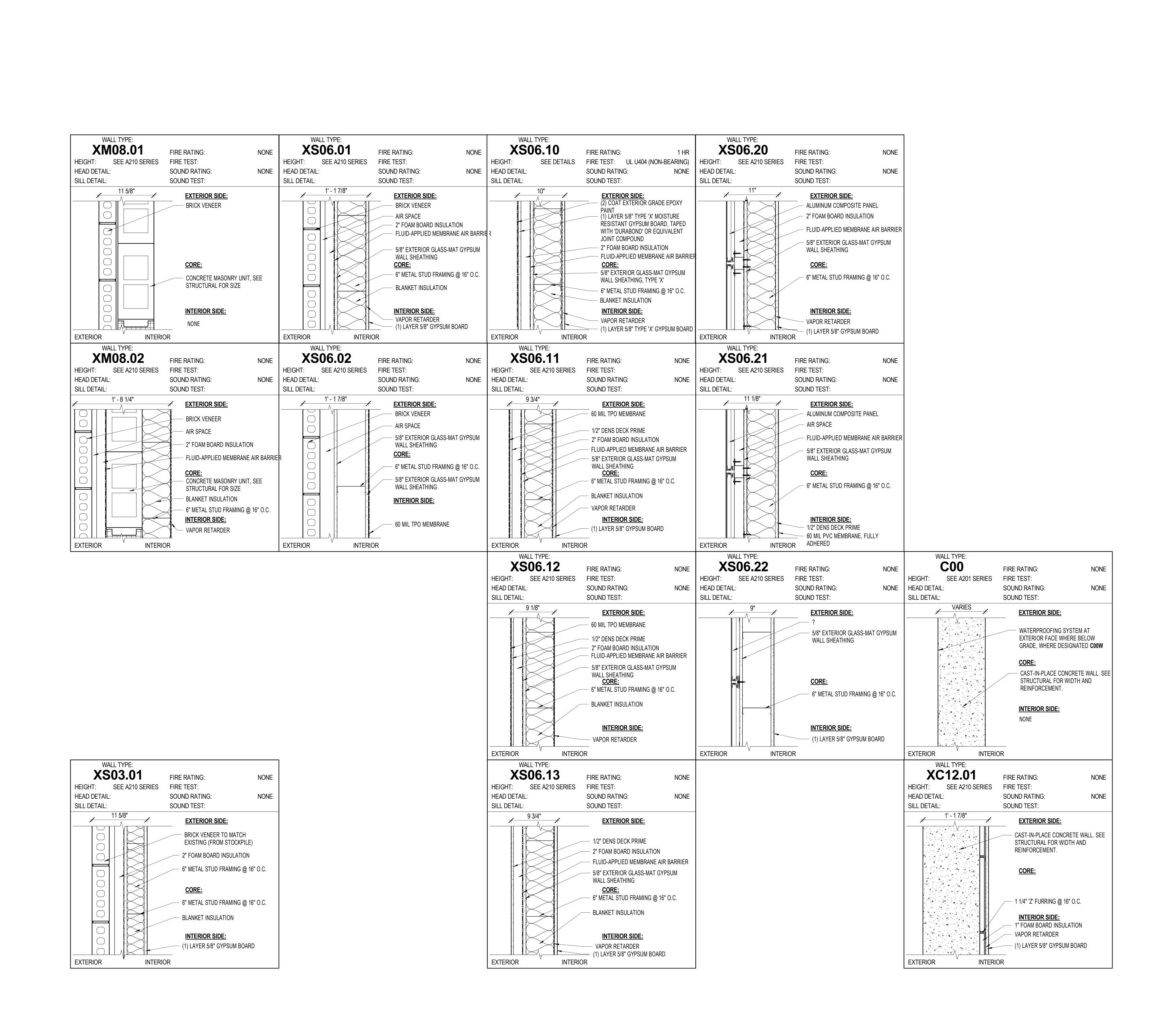
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SHEET CONTENTS:

PHASING PLANS

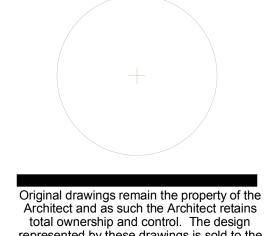


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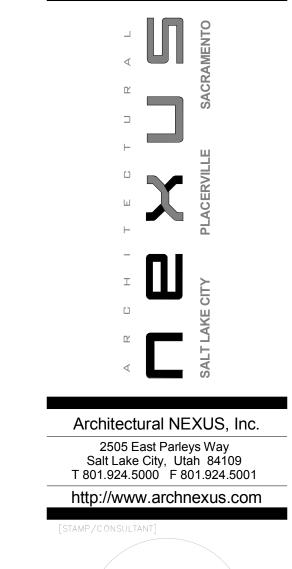
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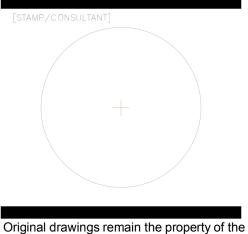
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SHEET CONTENTS:
EXTERIOR WALL

GI501

TYPES

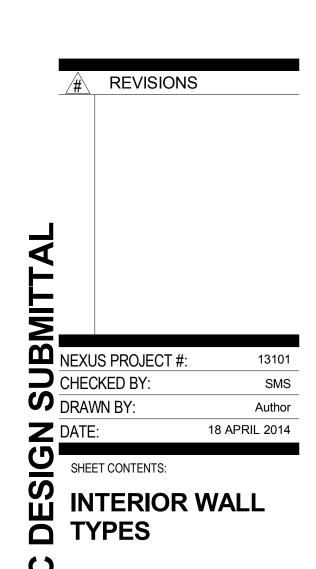


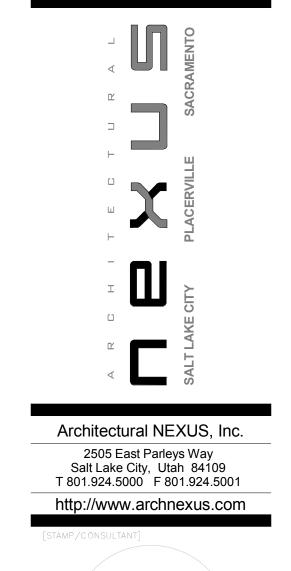


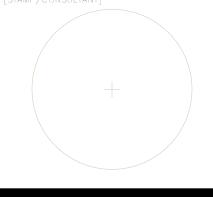
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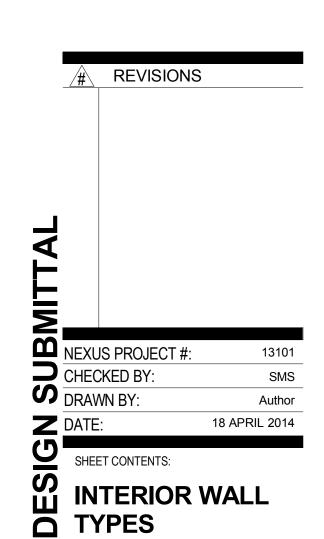


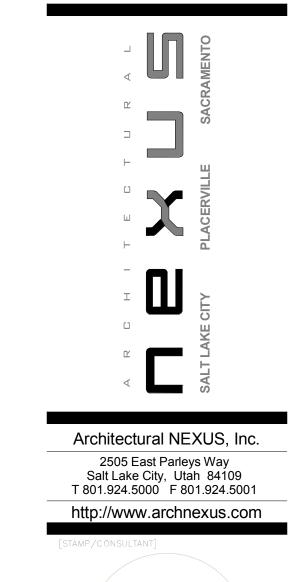


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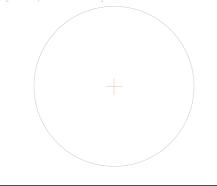
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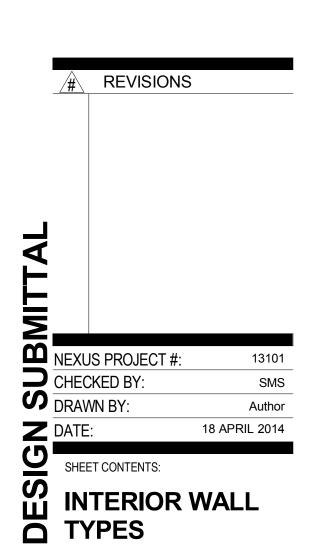
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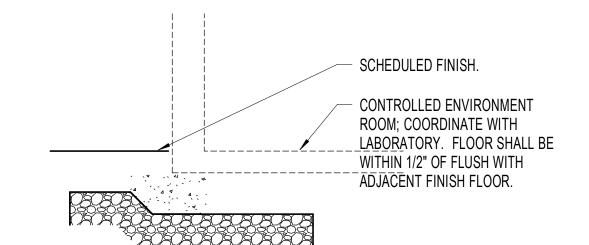


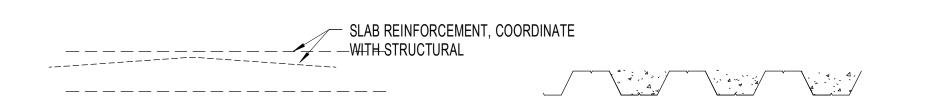
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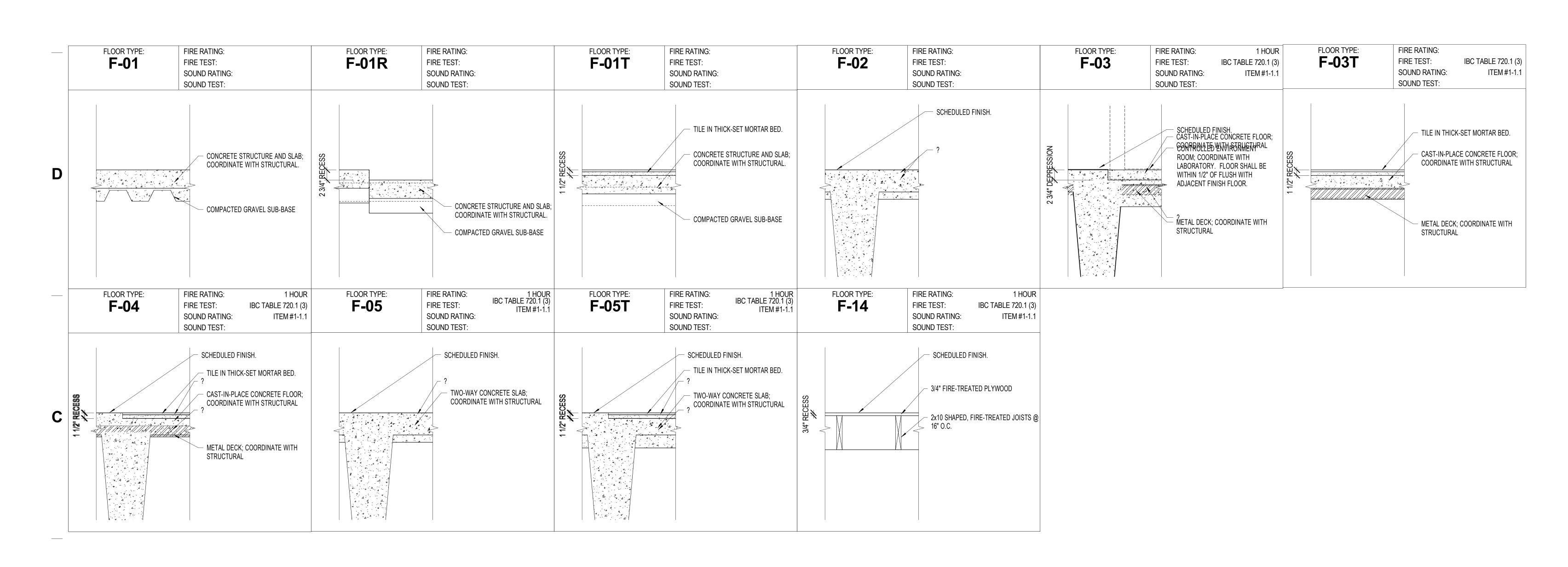
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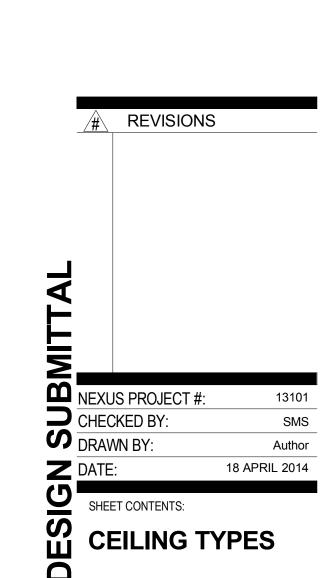
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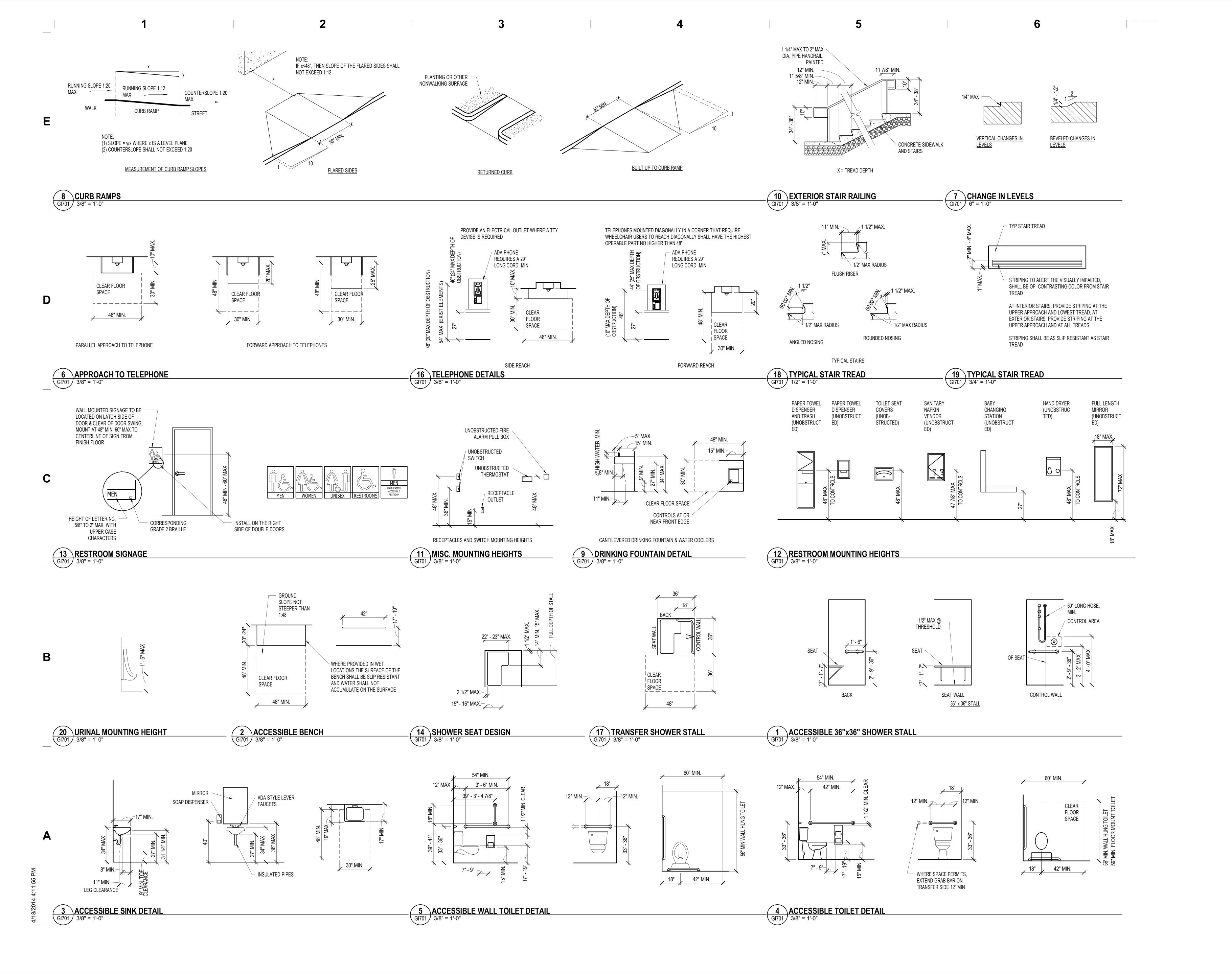
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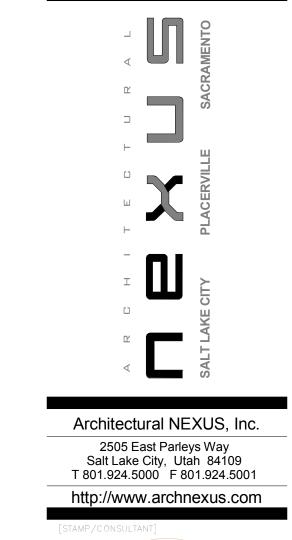
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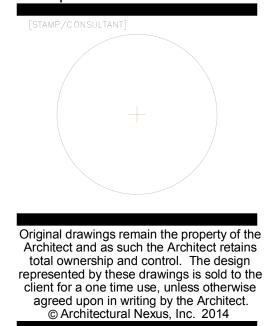
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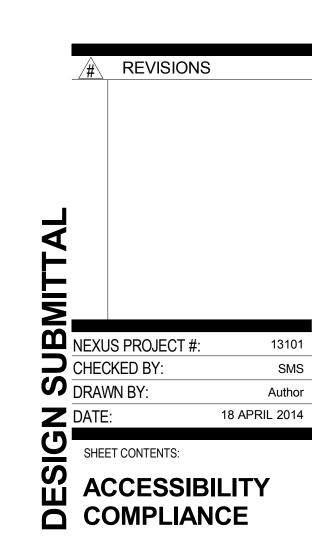
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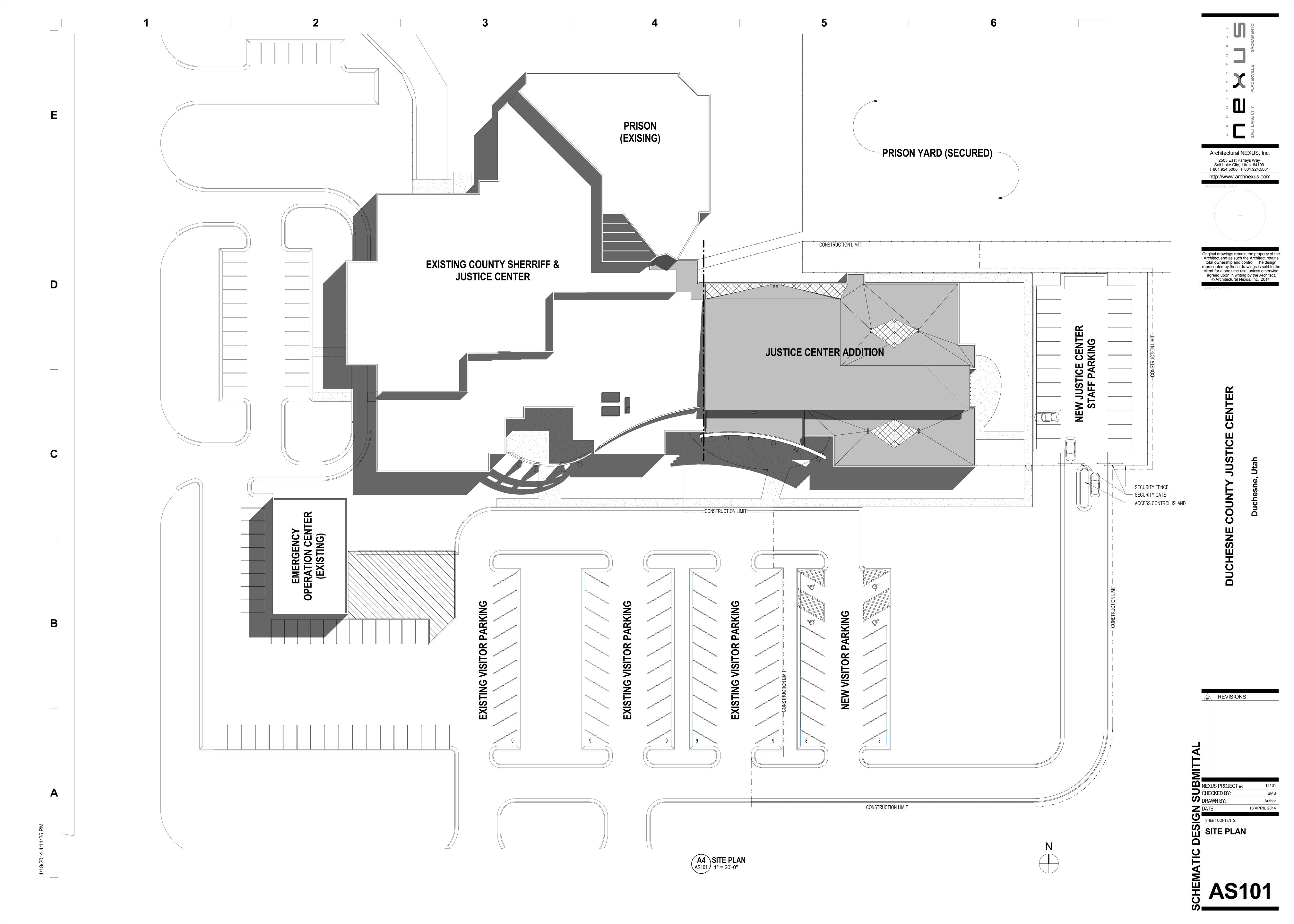






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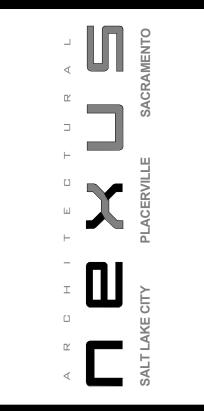
GENERAL NOTE -DEMOLITION PLAN

- A. PROTECT WALLS, CEILINGS, FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS
- DEMOLITION OPERATIONS

 B. PATCH AND REPAIR DAMAGE IN WALLS, CEILINGS, AND FLOORS RESULTING FROM DEMOLITION OF EXISTING ITEMS OR CONSTRUCTION OF NEW ITEMS AND/OR REPLACE WITH NEW TO MATCH
- EXISTING. CLEAN AND PREPARE TO RECEIVE NEW FINISH.

 C. PROTECT ADJACENT AREAS FROM DUST AND DEBRIS DURING SELECTIVE DEMOLITION
- OPERATIONS.

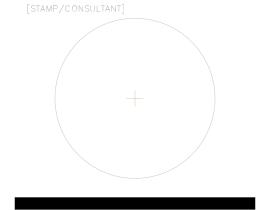
 D. TRANSPORT DEMOLISHED MATERIALS OFF
 OWNER'S PROPERTY AND LEGALLY DISPOSE OF
- E. FIELD VERIFY EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
- F. CLEAN ADJACENT IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSE BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.
- G. SEE MECHANICAL, ELECTRICAL, AND AUDIO-VISUAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE DISCREPANCIES WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK.



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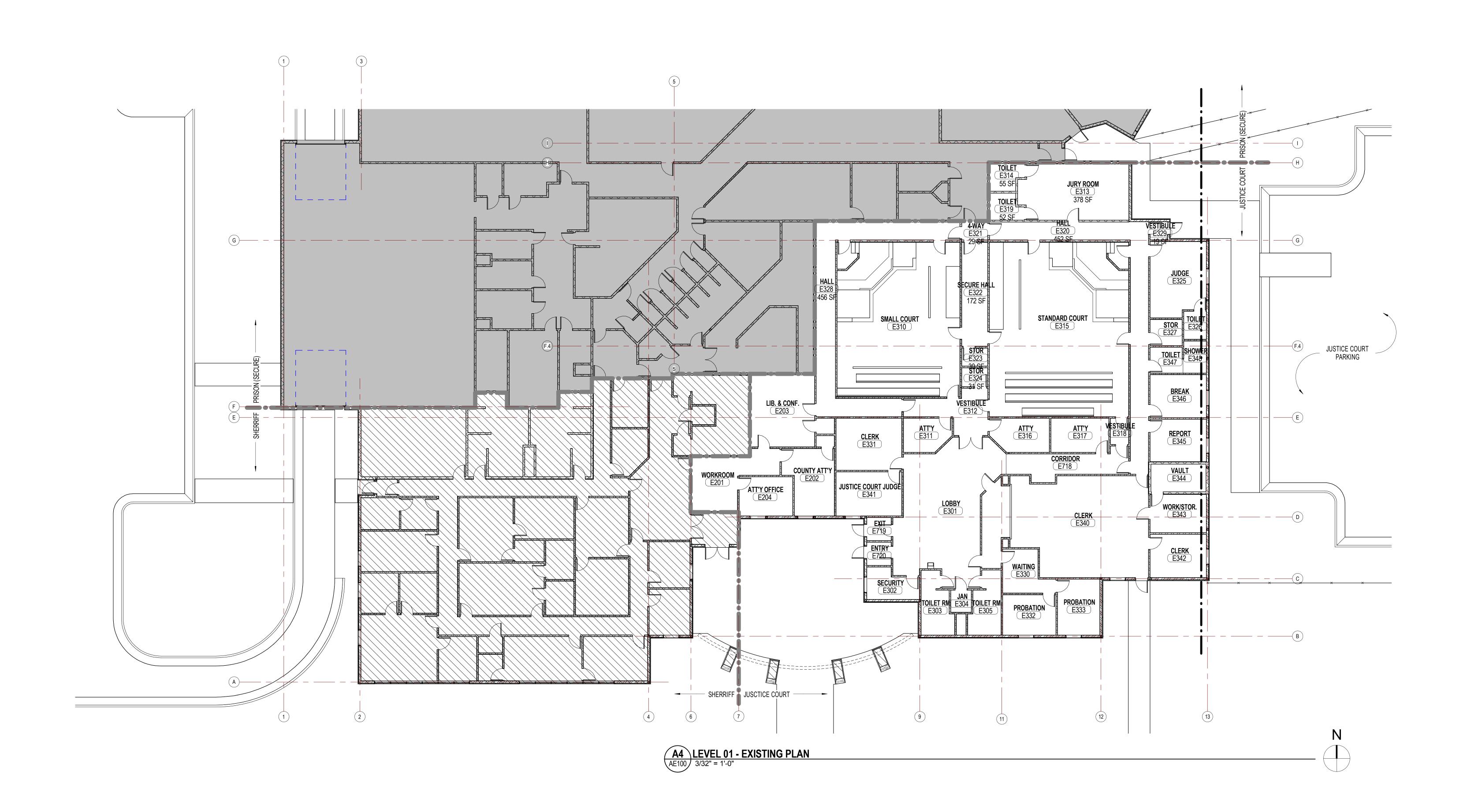
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SHEET CONTENTS:

EXISTING PLAN

AE100

A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR"
DIMENSIONS ARE TO FACE OF WALL FINISH.

B. FIELD VERIFY ALL EXISTING CONDITIONS AND
THEIR COMPATIBILITY WITH NEW CONSTRUCTION
PRIOR TO THE COMMENCEMENT OF WORK.
COORDINATE DISCREPANCIES WITH ARCHITECT.
C. DO NOT SCALE DRAWINGS.

D. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

E. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND COMPLIANCE REQUIREMENTS.

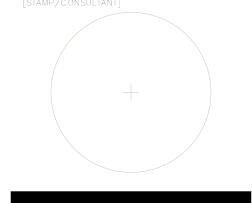
F. PROVIDE BACKING BEHIND ALL SURFACE
MOUNTED EQUIPMENT AND/OR FIXTURES PER
DETAIL XX/XXXX

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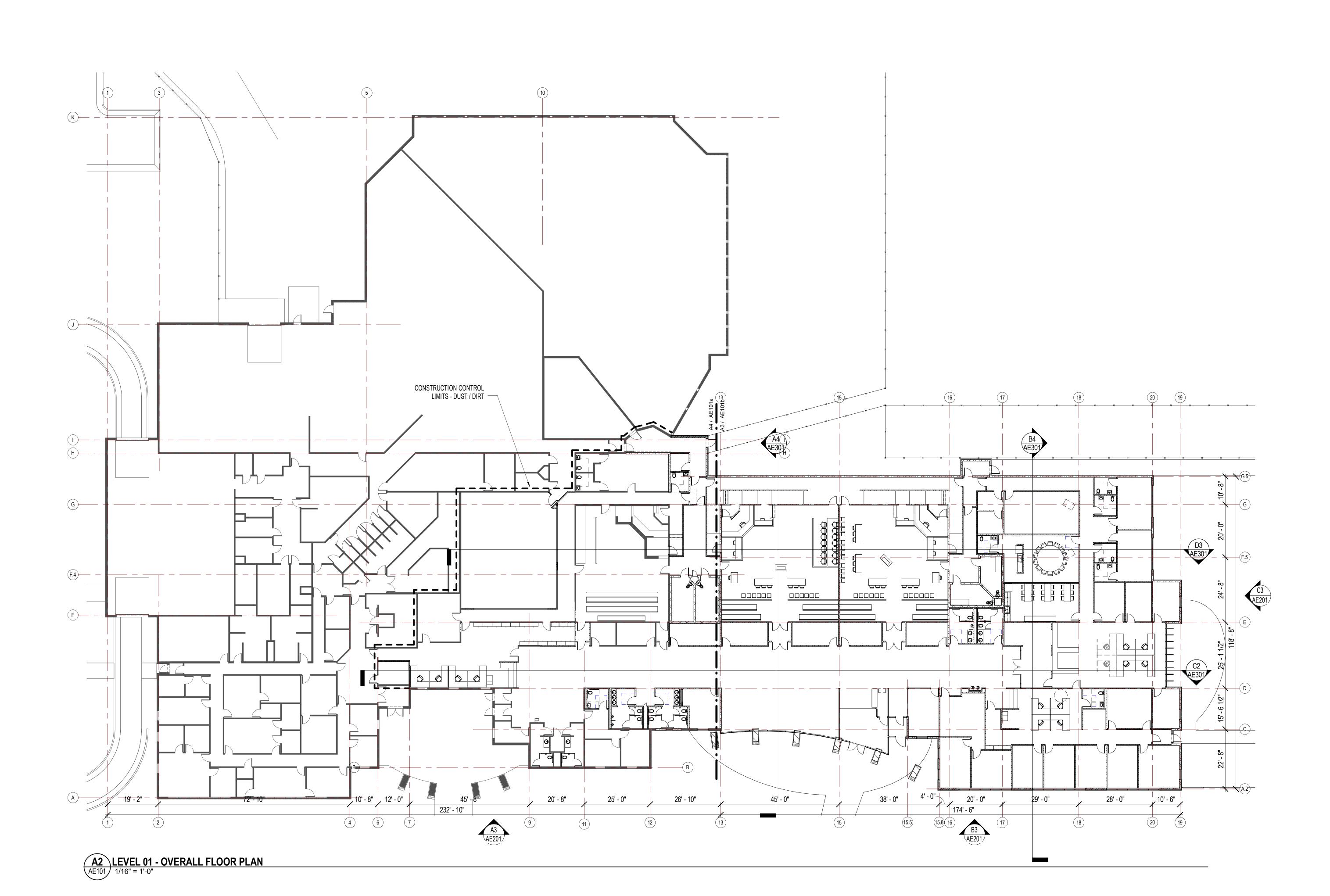
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SHEET CONTENTS:

OVERALL FLOOR
PLAN

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- A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR" DIMENSIONS ARE TO FACE OF WALL FINISH.
- DIMENSIONS ARE TO FACE OF WALL FINISH.

 B. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK.
- C. DO NOT SCALE DRAWINGS.
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- E. SEE G SERIES SHEETS FOR WALL TYPES AND
 TYPICAL ACCESSIBILITY CLEARANCE AND
- COMPLIANCE REQUIREMENTS.

 F. PROVIDE BACKING BEHIND ALL SURFACE
 MOUNTED EQUIPMENT AND/OR FIXTURES PER
 DETAIL XX/XXXX

COORDINATE DISCREPANCIES WITH ARCHITECT.

KEYNOTE - FLOOR PLAN

1 FULL KEYNOTE DESCRIPTION



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SHEET CONTENTS:

FLOOR PLAN RENOVATED
SPACES

SPACES

AE101a

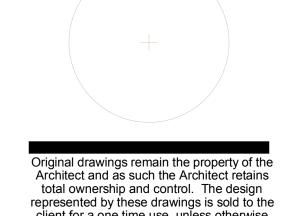
KEY PLAN - RENNOVATED SPACES

ADDITION SPACES (AE101b)

6

- A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR"
- DIMENSIONS ARE TO FACE OF WALL FINISH. B. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
- C. DO NOT SCALE DRAWINGS. D. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- E. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND
- COMPLIANCE REQUIREMENTS. F. PROVIDE BACKING BEHIND ALL SURFACE MOUNTED EQUIPMENT AND/OR FIXTURES PER DETAIL XX/XXXX





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SHEET CONTENTS: FLOOR PLAN - NEW ADDITION SPACES

KEY PLAN - ADDITION SPACES

ADDITION SPACES (AE101b)

- A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR
 FACE OF WALL STRUCTURE. "CLEAR"
 DIMENSIONS ARE TO FACE OF WALL FINISH.

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 - B. FIELD VERIFY ALL EXISTING CONDITIONS AND
 THEIR COMPATIBILITY WITH NEW CONSTRUCTION
 PRIOR TO THE COMMENCEMENT OF WORK.
 COORDINATE DISCREPANCIES WITH ARCHITECT.
 - COORDINATE DISCREPANCIES WITH ARCHITE
 C. DO NOT SCALE DRAWINGS.
 D. SEE CIVIL, STRUCTURAL, MECHANICAL AND
 ELECTRICAL DRAWINGS FOR MORE
 - INFORMATION.
 E. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND COMPLIANCE REQUIREMENTS.
 - F. PROVIDE BACKING BEHIND ALL SURFACE
 MOUNTED EQUIPMENT AND/OR FIXTURES PER
 DETAIL XX/XXXX

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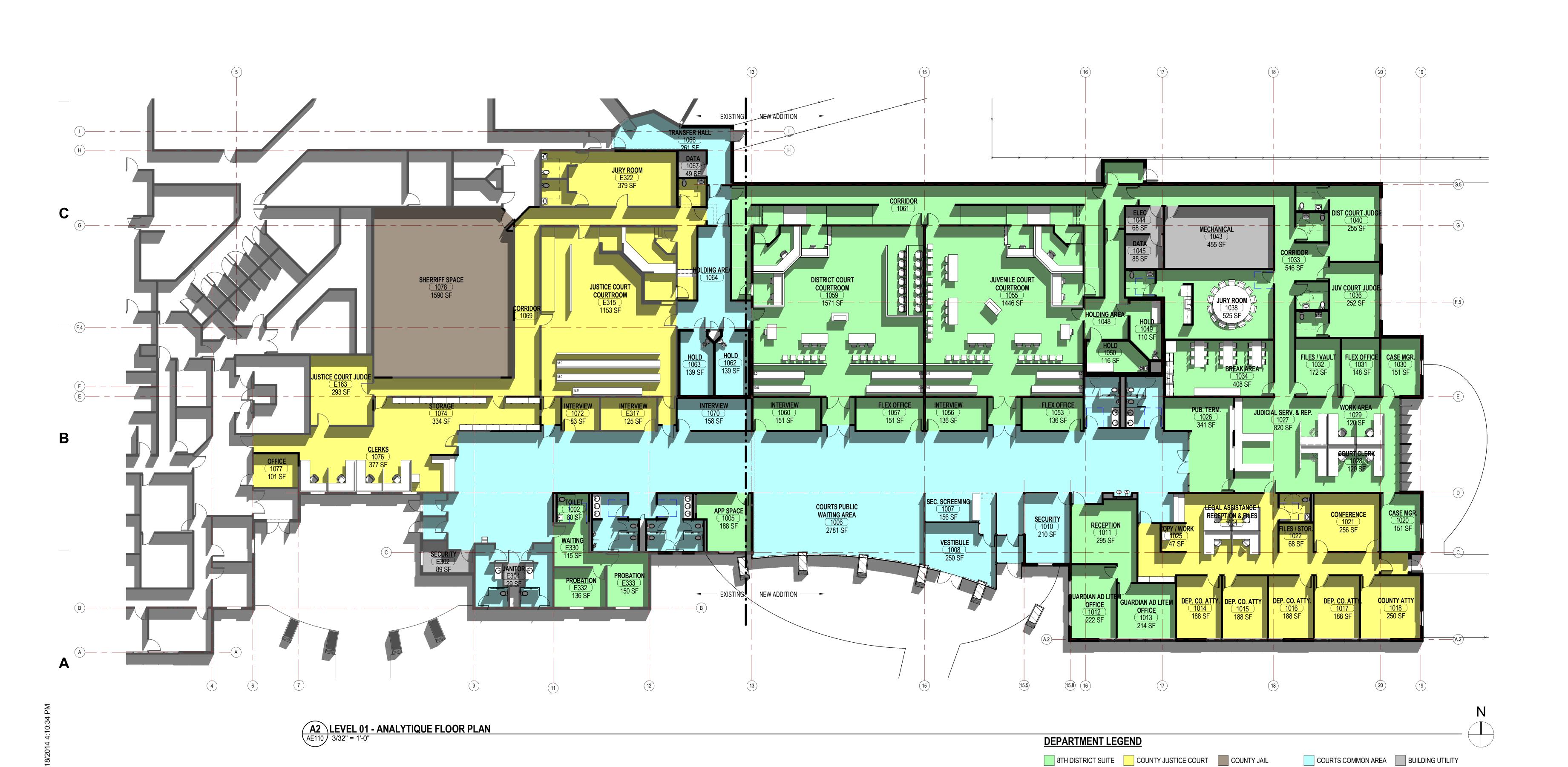
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FLOOR PLAN
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A) ROOF PLAN

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GENERAL NOTE - ROOF PLAN

A. COORDINATE ALL PENETRATIONS OF ROOF SYSTEM WITH MECHANICAL AND ELECTRICAL DRAWINGS.

KEYNOTE - ROOF PLAN

1 ROOFTOP MECHANICAL SCREEN WALL

3 2-HR RATED BUILDING EXPANSION JOINT

6 EXISTING SKYLIGHT TO REMAIN; FILED VERIFY LOCATION AND SIZE

2 ROOF CRICKETING

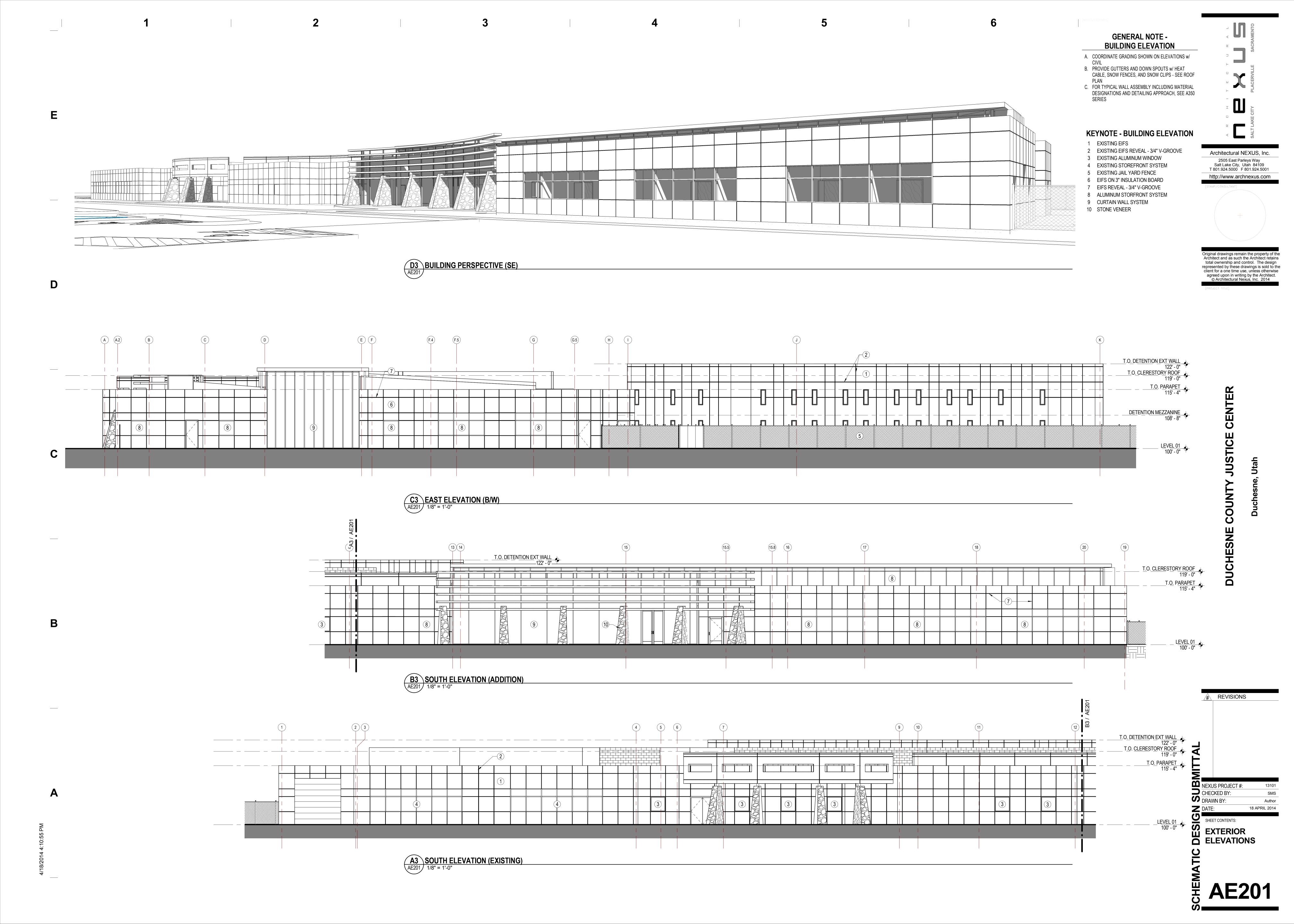
5 ROOF EXPANSION JOINT

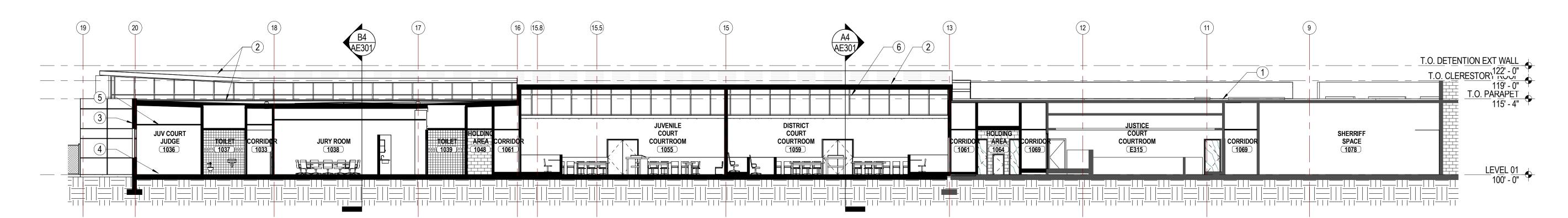
REVISIONS

NEXUS PROJECT #: 13101
CHECKED BY: SMS
DRAWN BY: Author
DATE: 18 APRIL 2014

SHEET CONTENTS:
ROOF PLAN

E AE121

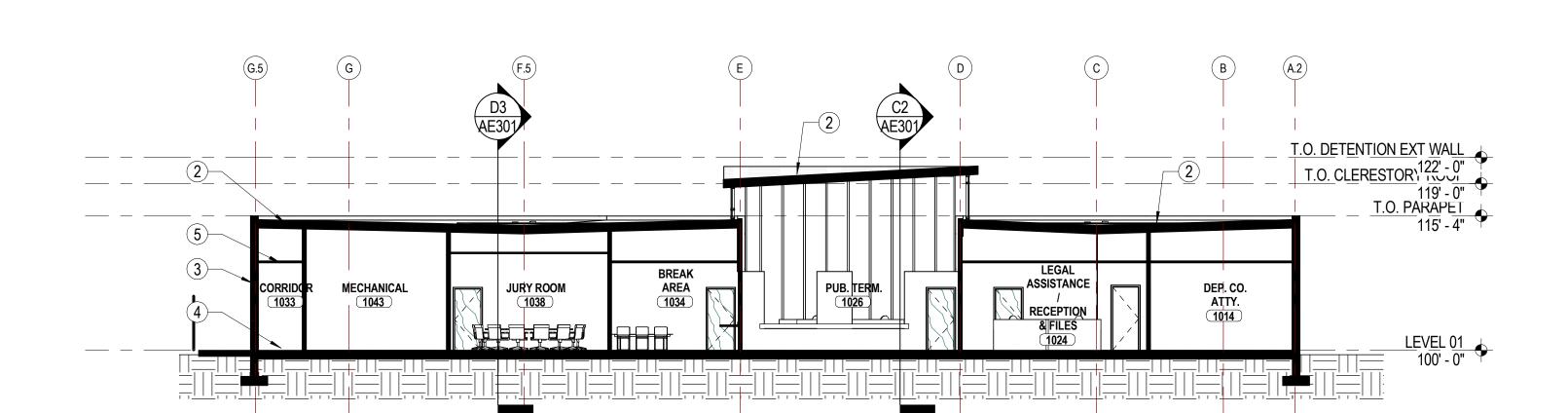


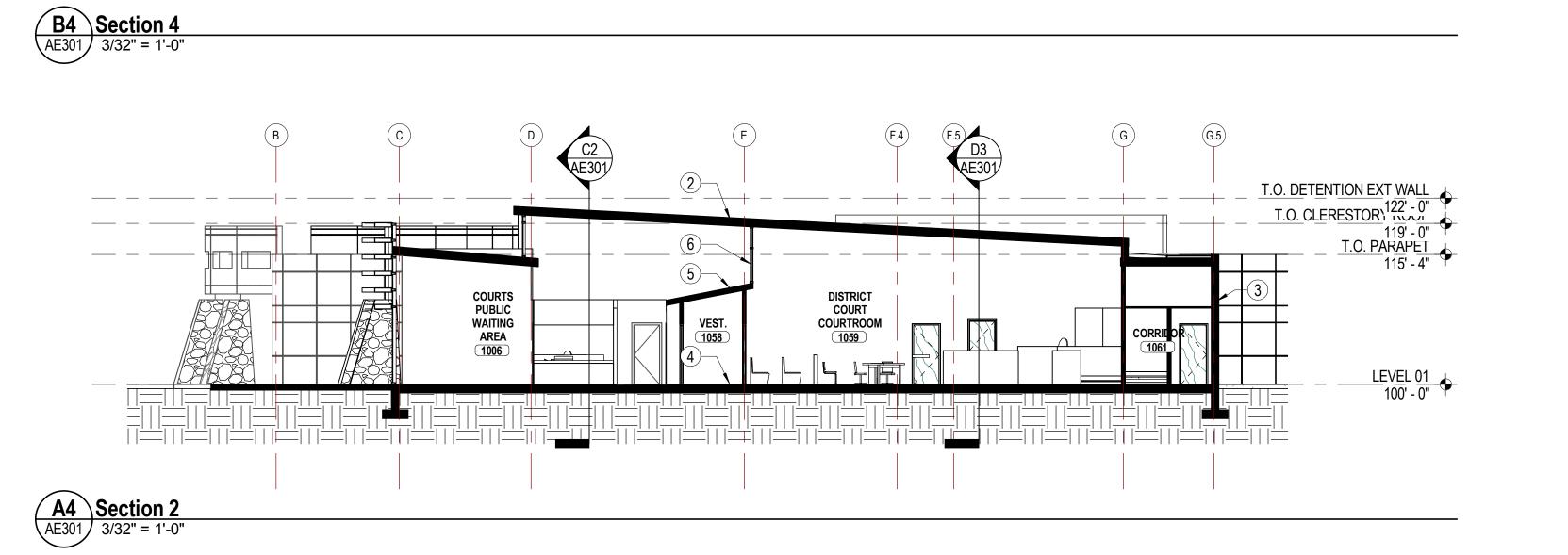


D3 Section 5
AE301 3/32" = 1'-0"

T.O. DETENTION EXT WALL T.O. CLERESTOR 122' - 0" 119' - 0" T.O. PARAPET 115' - 4" JUDICIAL SERV. & REP. 1027 WAITING AREA WAITING AREA 1001 PUB. TERM. 1026 CLERKS 1076 OFFICE 1077 AREA 1006

C2 Section 3
AE301 3/32" = 1'-0"



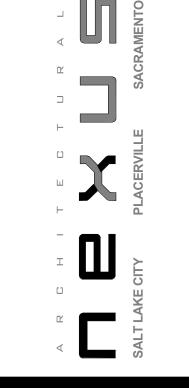


GENERAL NOTE -BUILDING SECTION

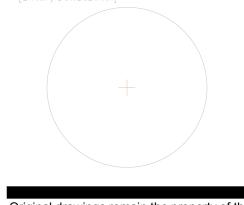
- A. WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR" DIMENSIONS ARE TO
- FACE OF WALL FINISH. B. SEE CIVIL, STRUCTURAL, MECHANICAL AND
- ELECTRICAL DRAWINGS FOR MORE INFORMATION. C. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND COMPLIANCE REQUIREMENTS.
- D. DO NOT SCALE DRAWINGS.

KEYNOTE - BUILDING SECTION

- 1 EXISTING ROOF TO REMAIN 2 SINGLE-PLY ROOF OVER INSULATION
- 3 EXTERIOR WALL EIFS ON 3" INSULATION BOARD ON 6" METAL STUDS 4 CONCRETE SLAB ON GRADE WITH
- SCHEDULED FLOOR FINISH 5 CEILING
- 6 INTERIOR ALUMINUM STOREFRONT SYSTEM 7 EXISTING SKYLIGHT WITH NEW INTERIOR
- WALL OPENINGS
- 8 INTERIOR CURTAINWALL POINT SUSPENSION GLAZING SYSTEM



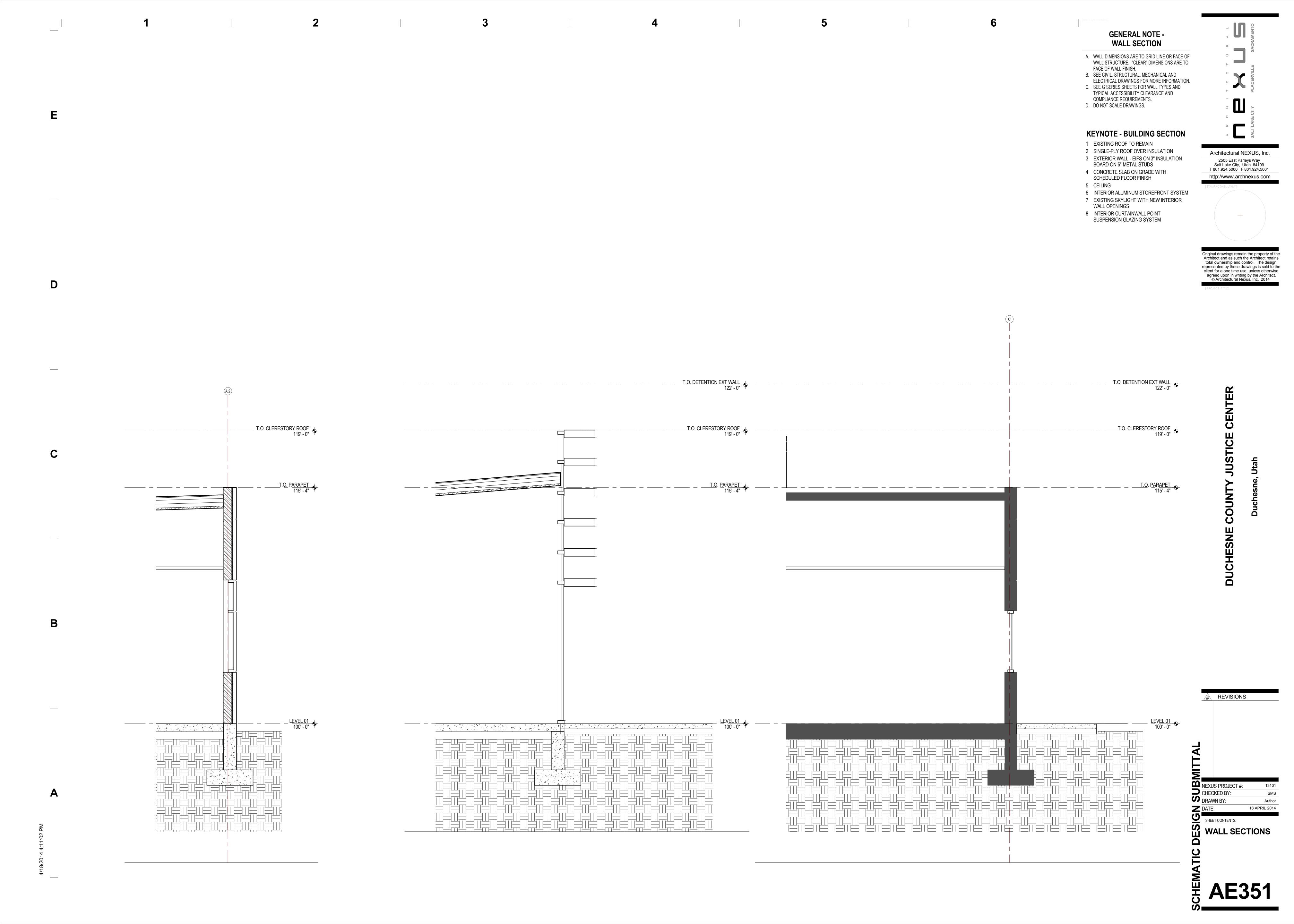
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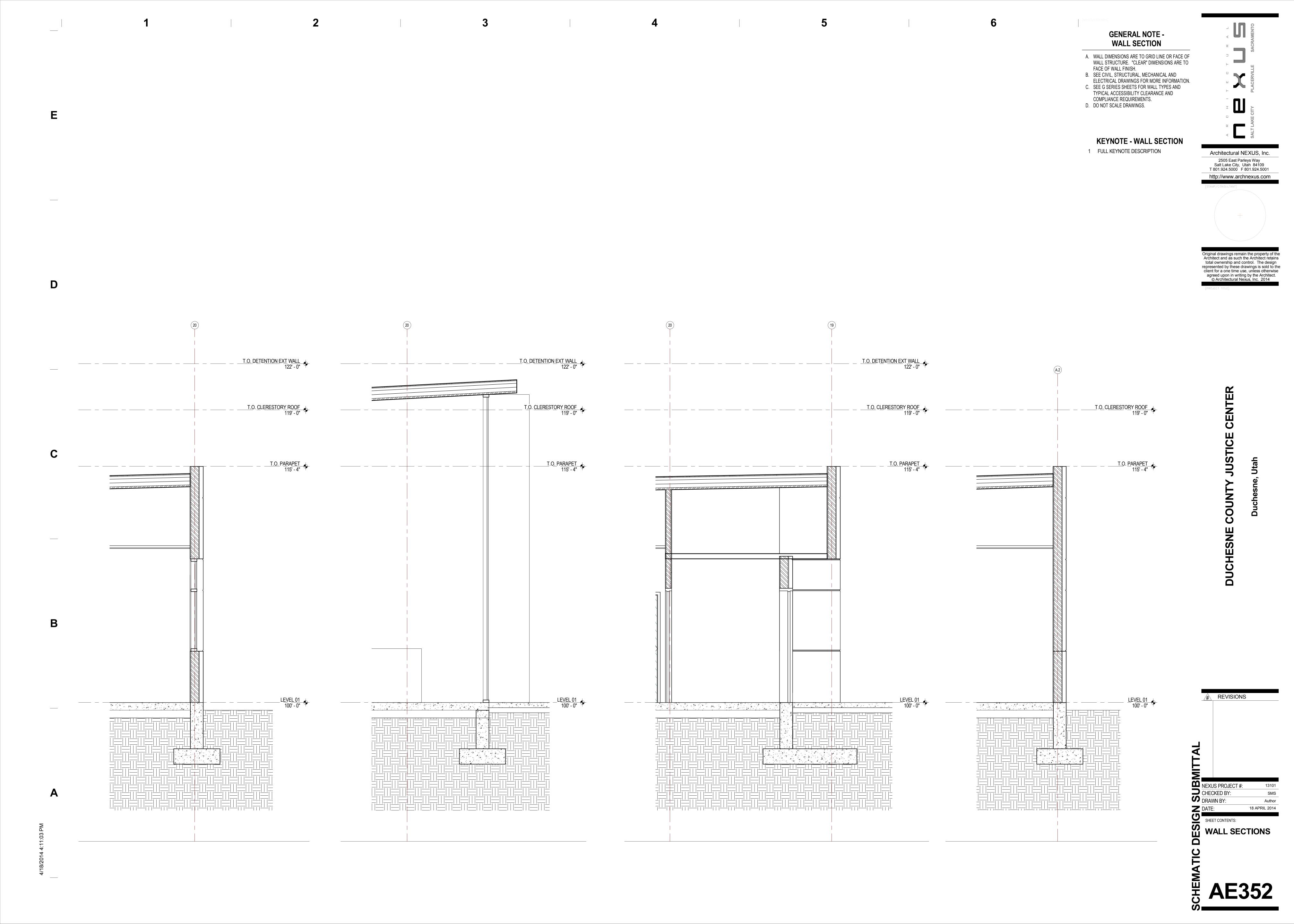


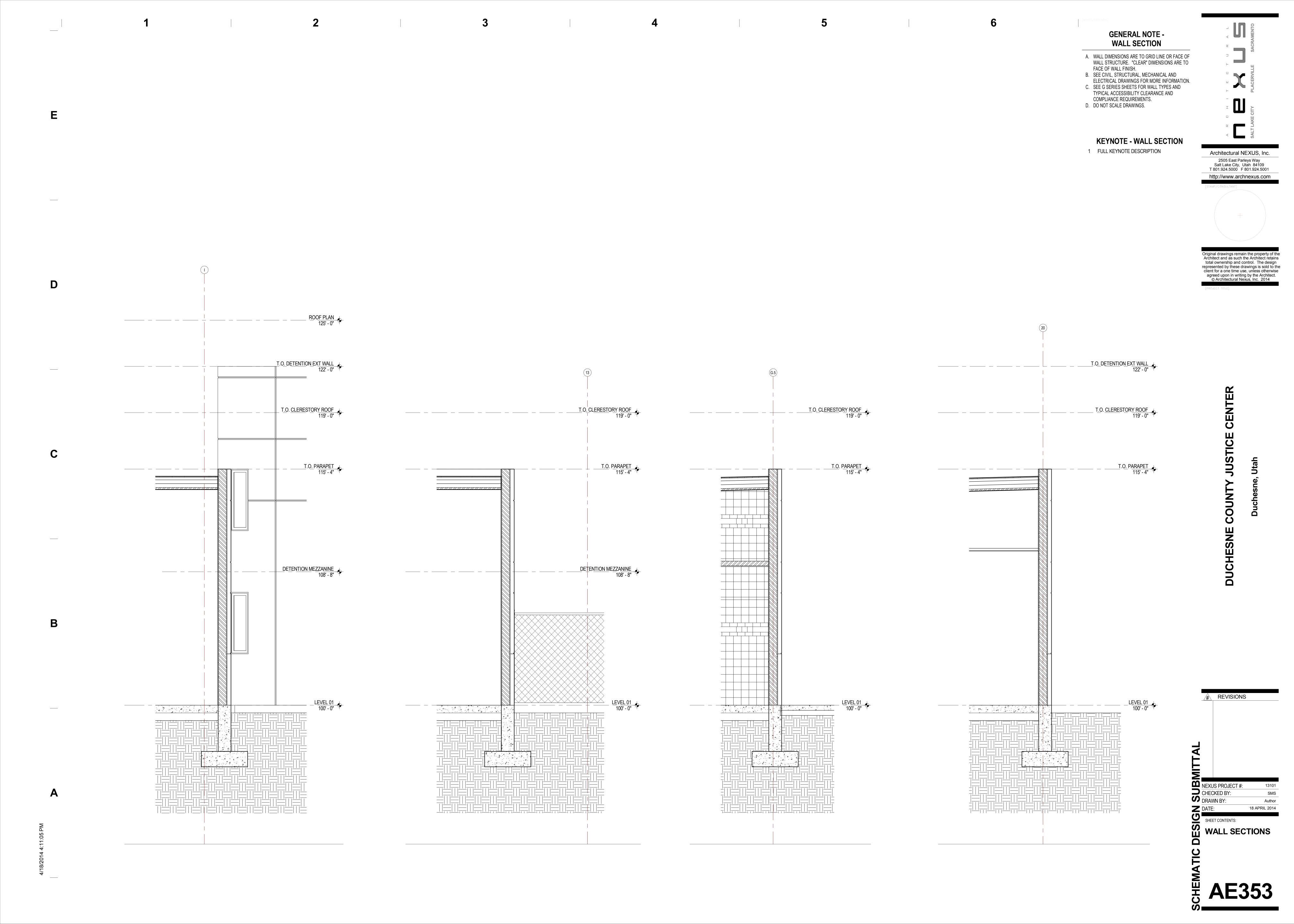
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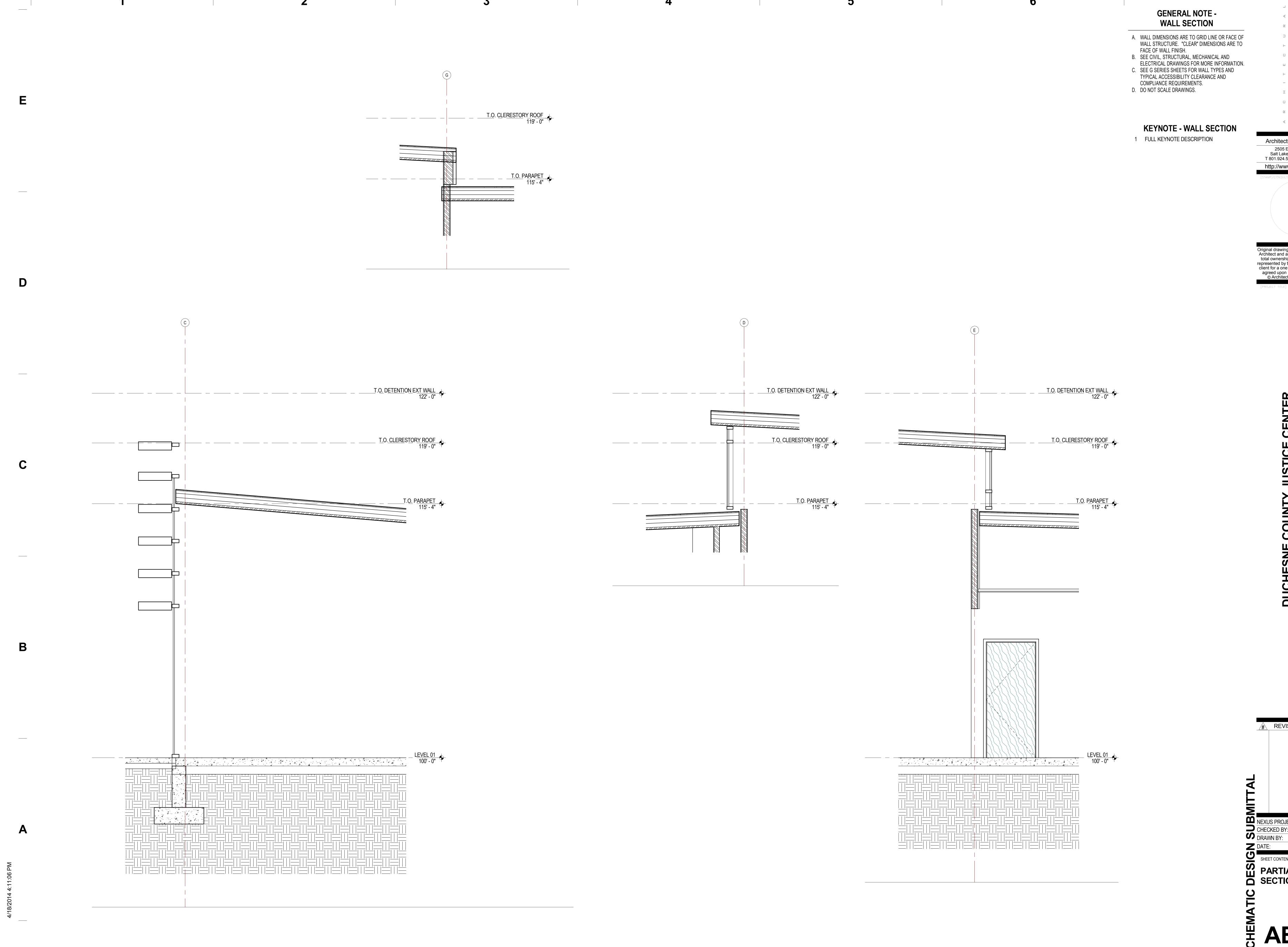
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SHEET CONTENTS:
BUILDING
SECTION

AE301









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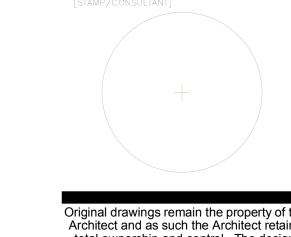
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SHEET CONTENTS:
PARTIAL WALL
SECTIONS

GENERAL NOTE - ENLARGED FLOOR PLAN

- A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR" DIMENSIONS ARE TO FACE OF WALL FINISH.
- B. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK.
- C. DO NOT SCALE DRAWINGS. D. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- E. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND COMPLIANCE REQUIREMENTS.
- F. PROVIDE BACKING BEHIND ALL SURFACE MOUNTED EQUIPMENT AND/OR FIXTURES PER

KEYNOTE - ENLARGED FLOOR

1 FULL KEYNOTE DESCRIPTION



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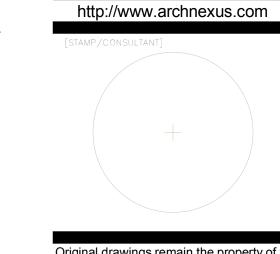
#\ REVISIONS S ENLARGED FLOOR PLAN

GENERAL NOTE - ENLARGED FLOOR PLAN

- A. PLAN WALL DIMENSIONS ARE TO GRID LINE OR FACE OF WALL STRUCTURE. "CLEAR" DIMENSIONS ARE TO FACE OF WALL FINISH.
- B. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK.
- COORDINATE DISCREPANCIES WITH ARCHITECT. C. DO NOT SCALE DRAWINGS. D. SEE CIVIL, STRUCTURAL, MECHANICAL AND
- ELECTRICAL DRAWINGS FOR MORE INFORMATION. E. SEE G SERIES SHEETS FOR WALL TYPES AND TYPICAL ACCESSIBILITY CLEARANCE AND
- COMPLIANCE REQUIREMENTS. F. PROVIDE BACKING BEHIND ALL SURFACE MOUNTED EQUIPMENT AND/OR FIXTURES PER DETAIL XX/XXXX.

KEYNOTE - ENLARGED FLOOR

1 FULL KEYNOTE DESCRIPTION



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NEXUS PROJECT #:
CHECKED BY:
DRAWN BY: 18 APRIL 2014 ENLARGED
TOILET PLANS &
ELEVATIONS

